

MUNICIPAL ACCESS COVERS & GRATINGS



NORINCO
les solutions en fonte à graphite sphéroïdal



NORINCO je vodilni strokovnjak v proizvodnji kanalskih pokrovov, rešetk in okvirjev za telekomunikacijska, kabelska, vodovodna, kanalizacijska in električna omrežja.

Prepoznavna po svoji inovativnosti, ponuja skupina **NORINCO** široko paleto proizvodov, ki ustrezajo raznolikim zahtevam vgradnje in omogočajo nemoten dostop do omrežij.

Prednosti skupine **NORINCO** so:

- sodoben proizvodni center z letno kapaciteto **100.000** ton ulitkov iz nodularne litine,
- izredna in visoko kvalitetna strojna opremljenost livarne ter visoko usposobljen kader omogočata izpolnjevanje najtežjih tehničnih zahtev,
- konstanten razvoj in inovacije na najvišjem nivoju pa omogočajo certifikacijo s strani neodvisnih državnih certifikacijskih organov:



- prisotnost na trgih širom sveta in razvejana prodajna mreža podružnic, distributerjev in zastopnikov.

Renowned for its innovation, Groupe NORINCO offers a wide range of products to suit a variety of installation requirements and to facilitate access to networks.

Groupe NORINCO's strengths are:

- *a remarkable production site with an annual ductile iron production capacity of 100,000 T,*
- *high quality machinery and highly skilled personnel enable us to respond to the most demanding technical specifications*
- *a constant search for innovation at the highest level, which enables us to obtain certification from independent national bodies such as :*



- *a worldwide commercial presence set around a network of subsidiaries, distributors and agents.*



SFEROIDNA GRAFITNA LITINA – NODULARNA LITINA

SPHEROIDAL GRAPHITE CAST IRON

KVALITETA GRADE	MINIMALNA NATEZNA TRDNOST MPA MINIMUM TENSILE STRENGTH MPA	0, 2 % STANDARDNA MEJA RAZTEZNOSTI RP 0,2 MPA 0,2% STANDARD LIMIT OF ELASTICITY RP 0,2 MPA	MINIMALNA RAZTEZNOST % MINIMUM ELASTICITY %	TRDOTA HBS BRITTLE HARDNESS HBS	MIKROSTRUKTURA OSNOVE MAIN ELEMENT OF STRUCTURE
500.7	500	320	7	170 / 230	FERRITE+PERLITE

Vsi kanalski pokrovi in okvirji so proizvedeni iz nodularne litine, v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Ta material ima IZJEMNE LASTNOSTI in je tudi IZJEMNO ZANESLJIV.

Kaj je SG litina?

Sferoidna grafitna litina, bolj znana kot nodularna litina. Nastane, ko z modificiranjem in dodajanjem magnezija litini dosežemo, da se grafit izloča v obliki kroglic. Tako dobimo litino z izjemno natezno trdnostjo, izboljšano sposobnostjo dušenja mehanskih nihanj in višjo mejo razteznosti.

SG litina proti sivi litini:

Zaradi izjemnega razmerja med maso in vzdržljivostjo so kanalski pokrovi iz nodularne litine ob enaki nosilnosti za 20 – 30% lažji od primerljivih iz sive litine.

Torej:

- se zmanjšajo stroški transporta,
- so pokrovi lažji, kar omogoča tudi lažjo manipulacijo in vgradnjo ter zmanjšuje možnost poškodb.

Nodularna litina omogoča tudi varjenje (kar pri sivi litini ni mogoče).



Sferoidna grafitna litina
Spheroidal graphite cast iron



nodularna litina
Siva litina
Grey iron

All access covers and frames are manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563. This material has OUTSTANDING PERFORMANCE and RELIABILITY.

What is SG cast iron ?

Spheroidal graphite cast iron is better known as ductile iron or SG cast iron. The graphite, present in flake form, is transformed into spheroids by adding magnesium to the cast iron. This produces a metal with a high tensile strength, improved shock resistance and a high module of elasticity.

SG cast iron versus grey iron :

Access covers manufactured in SG cast iron can be 20-30% lighter in mass than those in grey iron owing to the exceptional weight / resistance ratio.

Therefore:

- transport costs can be reduced and
- covers can be handled more easily, so reducing risk of injury.

Furthermore, SG cast iron has excellent welding properties (which are not possible in grey iron).

CONFORMITÉ ET CLASSIFICATION DES DISPOSITIFS

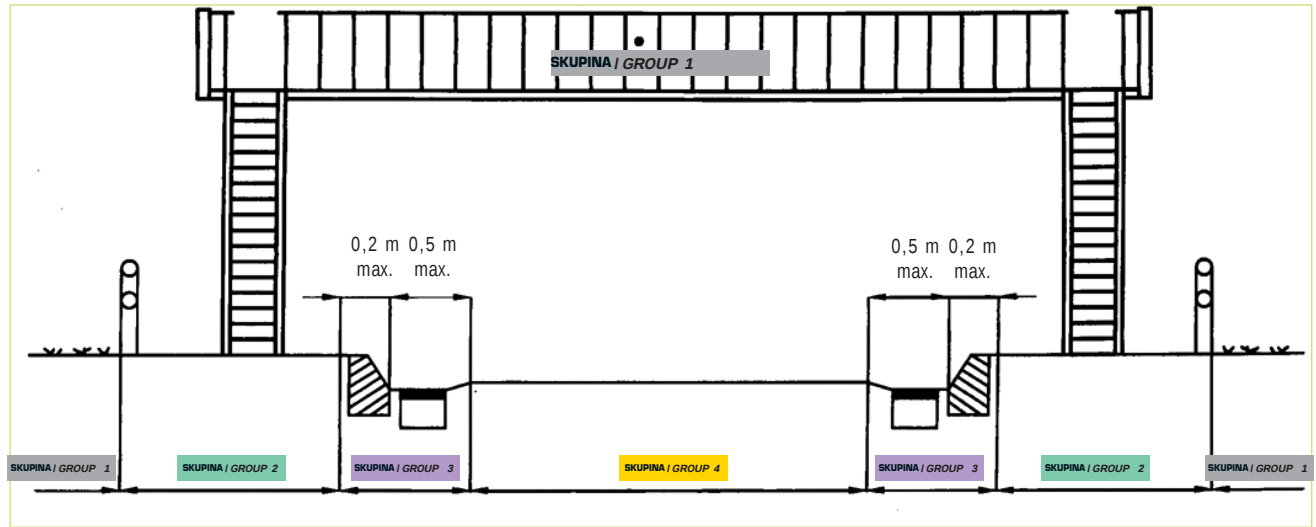
COMPLIANCE AND CLASSIFICATION OF UNITS

EN 124 standard

Standard EN 124 določa skupine in minimalno zahtevano nosilnost glede na mesto vgradnje:

The standard EN 124 specifies groups and minimum load classifications dependent on the place of installation:

SKUPINA - GROUP 1 RAZRED - CLASS A15 MINIMUM	SKUPINA - GROUP 2 RAZRED - CLASS B125 MINIMUM	SKUPINA - GROUP 3 RAZRED - CLASS C250 MINIMUM	SKUPINA - GROUP 4 RAZRED - CLASS D400 MINIMUM	SKUPINA - GROUP 1 RAZRED - CLASS E600 MINIMUM	SKUPINA - GROUP 1 RAZRED - CLASS F900 MINIMUM
SKUPINA 1 (min. razred A 15). Nosilnost 15 kN. Zelene površine, pešpoti in kolesarske steze.	SKUPINA 2 (min. razred B125). Nosilnost 125 kN. Zelene površine, pešpoti, plo niki, kolesarske steze in parkirišča za osebna vozila.	SKUPINA 3 (min. razred C250). Nosilnost 250 kN. Stranski pasovi cest, najve 0,5 m od roba cestišča in najve 0,2 m v pločnik.	SKUPINA 4 (min. razred D400). Nosilnost 400 kN. Vozne površine na cestiščih (vključno z ulicami kjer so cone za pešce), bankine, odstavni pasovi avtocest in parkirišča za vse vrste vozil.	SKUPINA 5 (min. razred E600). Nosilnost 600 kN. Pristanišča in letališča.	SKUPINA 6 (min. razred F900). Nosilnost 900 kN. Letališča.
GROUP 1 (class A 15 minimum). Test load 15 kN. Areas which can only be used by pedestrians and pedal cyclists.	GROUP 2 (class B125 minimum). Test load 125 kN. Footways, pedestrians areas and comparable in the area of kerbside areas, car parks or parking decks.	GROUP 3 (class C250 minimum). Test load 250 kN. For gully tops installed in the area of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.	GROUP 4 (class D400 minimum). Test load 400 kN. Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.	GROUP 5 (class E600 minimum). Test load 600 kN. Areas imposing high wheel loads, e.g. docks, aircraft pavements.	GROUP 6 (class F900 minimum). Test load 900 kN. Areas imposing particularly high wheel loads, e.g. aircraft pavements.



Standard določa, da je proizvajalec dolžan izdelek opremiti z ustreznimi oznakami razreda, oziroma skupine, ki ji, glede na minimalno nosilnost pripada. Kadar obstaja dvom o pravilni izbiri obremenitvenega razreda, je praviloma treba uporabiti izdelek iz višjega obremenitvenega razreda.

The standard specifies that the designer is responsible for making the appropriate choice of class and where there is any doubt regarding the class to be used, a higher class should be selected.



Oznaka NF pomeni skladnost proizvoda z EN 124 standardom in hkrati jamči za nadzor nad izdelkom ter po-prodajno podporo v skladu s Sistemom vodenja kakovosti po standardu ISO 9001:2000.

Ta oznaka pomeni skladnost proizvoda s standardom NF 110. AFNOR vrši redno kontrolo nad naštetimi tehničnimi karakteristikami proizvodov. V zgornji tabeli so prikazane glavne karakteristike proizvodov, certificirane glede na zahteve navedene v standardu EN 124 in pa posameznih predpisih.

The NF mark meets the requirements of EN 124 and guarantees control of design and after sales service, according to the Quality Management System in compliance with ISO 9001: 2000. This mark certifies the compliance to the standard NF 110. AFNOR maintains a constant control of the rated technical characteristics of the product. The above table indicates the main characteristics certified; for the values, refer to the specified paragraph in standard EN 124 or to the regulations.

Karakteristike / Caracteristics	§ EN 124	B 125	C 250	D 400	E 600	F900
Ventilacijska izvedba pokrova / Vents in covers	7.2	•	•	•	•	•
Svetle odprtine / Clear openings	7.3	•	•	•	•	•
Globina vgradnje / Depth of insertion	7.4			•	•	•
Varnost pokrova ali rešetke / Securing of the cover / grating	7.8			•	•	•
Naležna površina okvirja / Frame bearing area	7.15	•	•	•	•	•
Višina okvirja / Frame depth	7.16			•	•	•
Kot odpiranja pri pokrovih in rešetkah s tesenjem / Opening angle of hinged covers / gratings	7	•	•	•	•	•
Dimenzije rež za odpiranje / Slot dimensions	7.9	•	•	•	•	•
Obremenitveni testi / Application of test load	8.3.2	•	•	•	•	•
Materiali / Materials	Régl. / Reg. NF-Voirie	•	•	•	•	•
Podatki o vodotesnosti / Height of water seal	Régl. / Reg. NF-Voirie	•	•	•	•	•

AFAQ / AFNOR 11 Rue Francis Pressensé – 95571 La Plaine Saint Denis Cedex



RAZRED - CLASS D 400

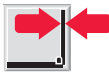
EN Standard 124: 1994

KANALSKI POKROV - REŠETKA Z OKVIRJEM
HINGED ACCESS COVER - GRATING & FRAME
SERIJA - RANGE

BRIO™



BRIO SR



Varnostna blokada
proti zapiranju pri naklo-
nu 90°
Safety blocking at 90°
angle



Verrouillage
Locked



Prothrupni vložek in
blažilec vibracij
Cushioning insert



Na te ajitNa tečajih
Hinged Hinged



OPIS

Kanalni pokrov - rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupina 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE

Kanalni pokrov ali rešetka na tečajih, z varnostno blokado proti zapiranju pri naklonu 90°. Snemljiv vertikalno. 5 vodil zagotavlja da je pokrov nameščen natančno v sredino okvirja. Pokrov je opremljen z ročico za odpiranje in zapiranje, ki ga avtomatsko zaklene v okvir. Okvir višine 100 mm. Polietilenski vložek preprečuje ropot in vibracije pokrova. 4 sidrne odprtine omogočajo fiksiranje okvirja v beton. Pokrov je mogoče naročiti tudi v VENTILIRANI izvedbi.

ZAŠČITNI SLOJ

Nestrupena barva na vodni osnovi.

CERTIFIKATI

NF, AENOR, ZAG

MESTO VGRADNJE

Vozne površine na cestiščih (vključno z ulicami kjer so cone za pešce), ban-
kine, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standar-
du EN 124 - 1994 ustreza skupini 4.

DODATNE MOŽNOSTI

- Izvedba: ventilirana in neventilirana

DESCRIPTION

Access cover - grating and frame manufactured from spheroidal
graphite cast iron in accordance with standards ISO 1083
(grade 500-7) and EN 1563.
Load classification D400 to EN124.

CHARACTERISTICS

Hinged solid top cover or grating ø 650 mm overall flange, which
blocks at 90° angle for safety and is removable from the frame
vertically, 5 guides ensure that the cover is positioned centrally
within the frame. Cover incorporates a retractable handle, which
automatically locks the cover to the frame; frame overall flange,
depth and clear opening: insert dimensions of the selected prod-
uct, provided with a polyethylene cushioning insert to prevent
noise and vibration (non-rock) .
4 anchoring holes can be used to fix the frame to brickwork as
necessary.

COATING

Non-toxic water based paint.

PRODUCT CERTIFICATION

NF

PLACE OF INSTALLATION

Carriageways of roads (including pedestrian streets), hard shoul-
ders and parking areas, for all types of road vehicles. Group 4:
EN 124 - 1994 standard and lower groups.

OPTIONS

- Badging: please enquire
- Locking system
- Ventilation: for BRIO SR / SC
"VENT" to be added to the reference

KANALSKI POKROV - REŠETKA Z OKVIRJEM
HINGED ACCESS COVER - GRATING & FRAME
SERIJA - RANGE

BRIO™



BRIO SR

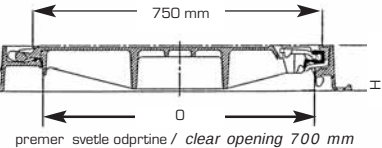
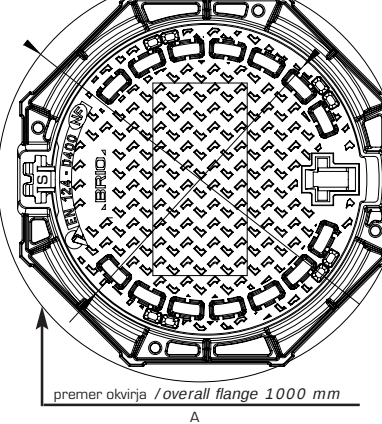
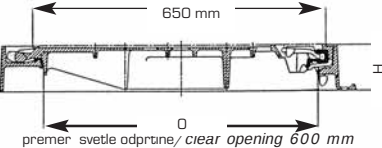
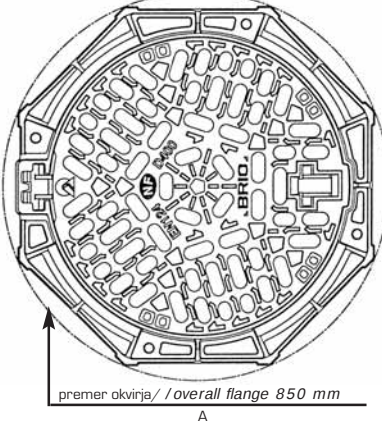
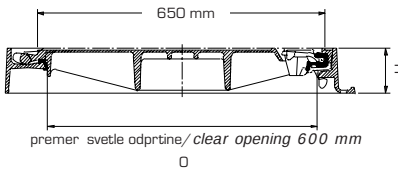
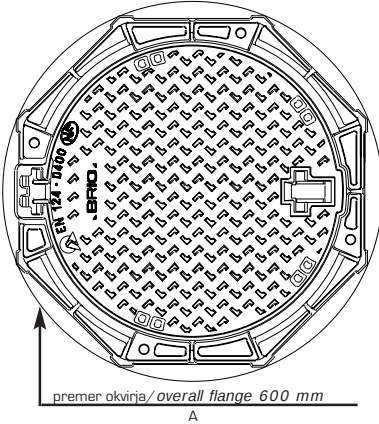


BRIO SGR

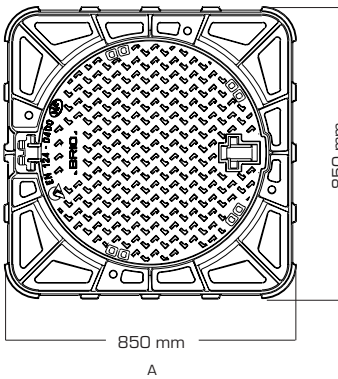
površina odprtín / waterway 1014 cm 2



BRIO SR VENT

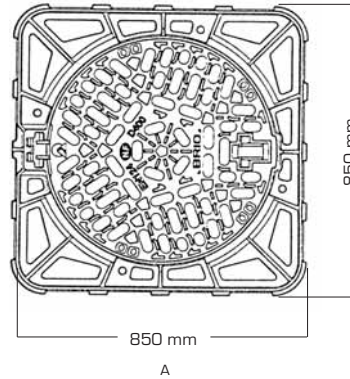


BRIO SC

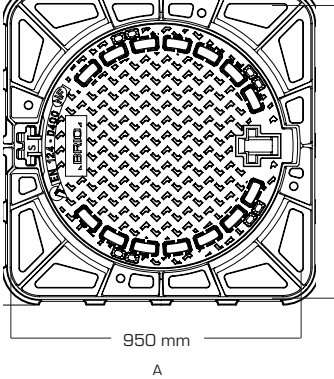


BRIO SGC

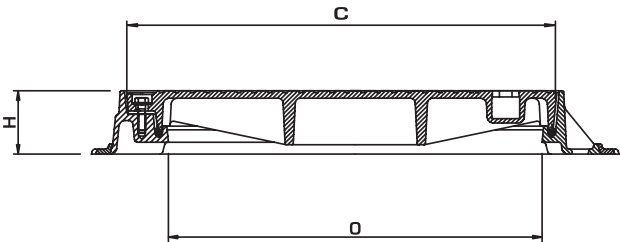
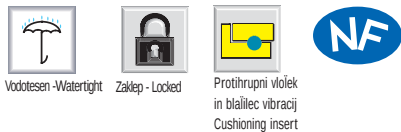
površina odprtín / waterway 1014 cm2



BRIO SC VENT



GBRE V3



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupina 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE
Vodotesen kanalski pokrov, pritrjen z vijaki iz nerjavečega jekla. Okrogel okvir 102 mm višine, svetla odprtina okvirja je 600 mm. 12 mm neoprenskega tesnila preprečuje ropot in vibracije pokrova. Vodotesen do 1 bara.

ZAŠČITNI SLOJ
Nestrupena barva na vodni osnovi;

CERTIFIKATI
NF

MESTO VGRADNJE:
Vozne površine na cestiščih [vključno z ulicami kjer so cone za pešce], ban-kine, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standar-du EN 124 – 1994 ustreza skupini 4.

DODATNE MOŽNOSTI
GBRE V6 – vodotesen do 2 bara, pritrjen z 6 vijaki iz nerjavečega jekla.

DESCRIPTION
Access cover and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563. Load classification D400 to EN124.

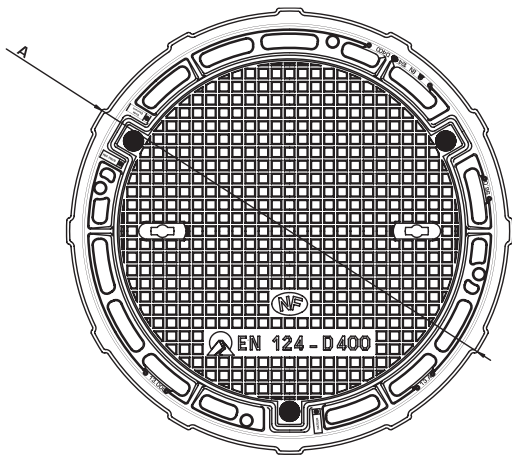
CHARACTERISTICS
Watertight solid top cover Ø 650 mm overall flange bolted down by means of stainless steel bolts; circular frame with Ø 850 mm overall flange, 102 mm depth and Ø 600 mm clear opening. Incorporates a 12 mm neoprene seal to prevent noise and vibration (non-rock). Watertight up to 1 bar.

COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

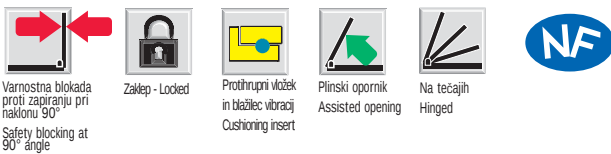
PLACE OF INSTALLATION
Carriageways of roads (including pedestrian streets), hard shoul-ders and parking areas, for all types of road vehicles. Group 4: EN 124 - 1994 standard and lower groups.

OPTIONS
GBRE V6 - watertight to 2 bar when bolted down with 6 stain-less steel bolts (provided).

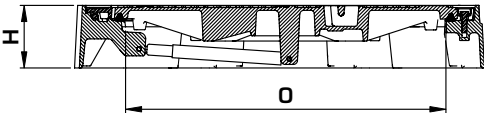


	Oznaka - Dimensions (mm)				Tela v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
GBRE V3	850	600	100	650	45,5	85

MAXIMO® V3 - V5



MAXIMO R V3



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s stan-dardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupina 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE
Vodotesen kanalski pokrov na tečajih z varnostno blokado proti zapiranju pri naklonu 90°. Odpiranje pokrova je olajšano s pomočjo plinskega oporni-ka. Pokrov je na okvir pritrjen s 3 ali 5 vijaki iz nerjavečega jekla. Okvir je okrogel ali kvadraten. Neoprenski vložek preprečuje ropot in vibracije pokrova. Sidrne odprtine pa omogočajo fiksiranje okvirja v podlago. V3 vodotesen do 0,5 bara. V5 vodotesen do 1 bara.

ZAŠČITNI SLOJ
Nestrupena barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE:
Vozne površine na cestiščih [vključno z ulicami kjer so cone za pešce], ban-kine, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standar-du EN 124 – 1994 ustreza skupini 4.

DODATNE MOŽNOSTI
- Marquage: nous consulter

DESCRIPTION
Access cover manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563. Load classification D400 to EN124.

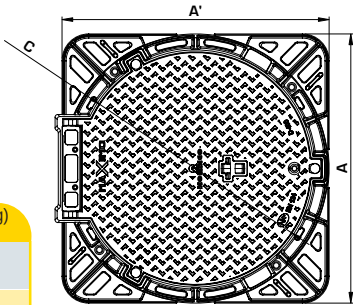
CHARACTERISTICS
Watertight solid top hinged assisted circular cover bolted to the frame by means of 3 or 5 stainless steel bolts. The cover is provided with a neoprene cushioning insert to prevent noise and vibration (non rock). Opening of the cover, which blocks at 90° for safety, is facilitated by means of a gas strut. Circular or square frame overall flange and clear opening dimensions : insert dimensions of the selected product. The frame is provided with anchoring holes that can be used to fix the frame to brickwork as necessary. V3Références up to 0,5 bar watertight. V5 referebces up to 1 bar watertight.

COATING
Non-toxic water based paint according to BS 3416.

PRODUCT CERTIFICATION
NF pending

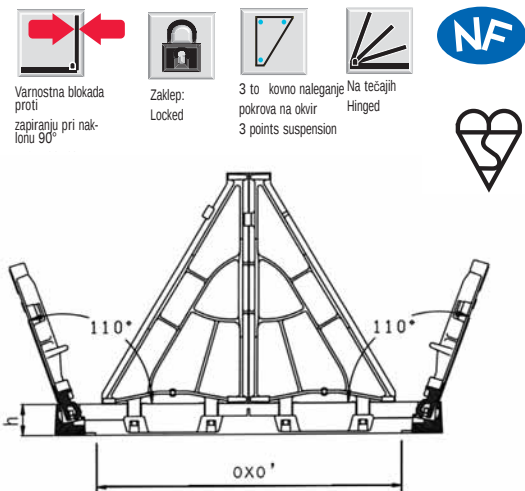
PLACE OF INSTALLATION
Traffic areas (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles. Group 4: EN 124 - 1994 standard and lower groups.

OPTIONS
- Badging: please enquire



	Oznaka - Dimensions (mm)				Tela v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
MAXIMO R V3 okrogel okvir / circular frame	1000	800	155	860	76,4	143
MAXIMO C V3 kvadraten okvir - square frame	1000 x 1000	800	155	860	77	169,8
MAXIMO R V5 okrogel okvir / circular frame	1000	800	155	860	76,8	144,2
MAXIMO C V5 kvadraten okvir - square frame	1000 x 1000	800	155	860	77	169,8

KANALSKI POKROV NA TEČAJIH IN Z ZAKLEPOM - OKVIR
HINGED ACCESS COVER & FRAME
SERIJA - RANGE
TI4S



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupina 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE
Dvojni trikotni (2 ali 4) kanalski pokrov na tečajih z okvirjem iz enega kosa (pri verzijah TI4S120060 in TI4S130080 je okvir varjen). Trikotni deli pokrova se odpirajo do 110° in imajo varnostno blokado proti zapiranju pri naklonu 90°. Deli pokrova so snemljivi vertikalno. Ropot in vibracije pokrova preprečuje 3 točkovno naleganje pokrova na okvir. Trikotni deli pokrova so medseboj tesno prilegajoči, medtem ko se zadnji del pokrova zaklene z zaklepom iz nerjavečega jekla. Sila potrebna za odpiranje – 30 kn (razen pri TI4S090090 AV).

ZAŠČITNI SLOJ
Nestrupena barva na vodni osnovi

CERTIFIKATI
NF ali KITEMARK

MESTO VGRADNJE
Vozne površine na cestiščih (vključno z ulicami kjer so cone za pešce), ban-
kine, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standar-
du EN 124 – 1994 ustreza skupini 4.

DODATNE MOŽNOSTI
- poseben ključ za zaklepanje in dvigovanje pokrova

DESCRIPTION
Access cover and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563. Load classification D400 to EN124.

CHARACTERISTICS
Double triangular (2 or 4) hinged cover with monoblock frame. (Welded frame on TI4S120060, TI4S130080 units). Adjacent cover parts open to 110°, block at 90° for safety and are removable from the frame vertically. Non-rock element is achieved by three-point suspension. Locking is achieved by interlocking lids, with the last cover being locked by a stainless steel turnbuckle. Opening effort <30kN (except TI4S090090 AV unit). Dimensions: insert dimensions of the selected product.

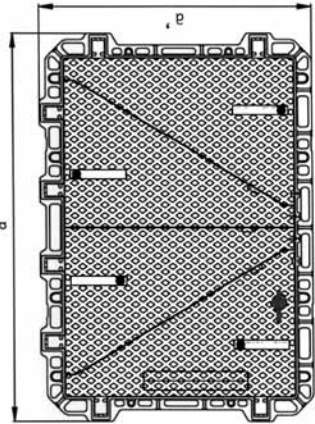
COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF or KITEMARK

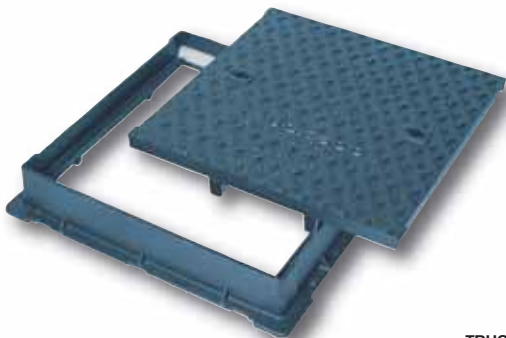
PLACE OF INSTALLATION
Carriageways of roads (including pedestrian streets), hard shoul-
ders and parking areas, for all types of road vehicles.
Group 4: EN 124 - 1994 standard and lower groups.

OPTIONS
- Badging: please enquire
- Special locking and handling key: please enquire

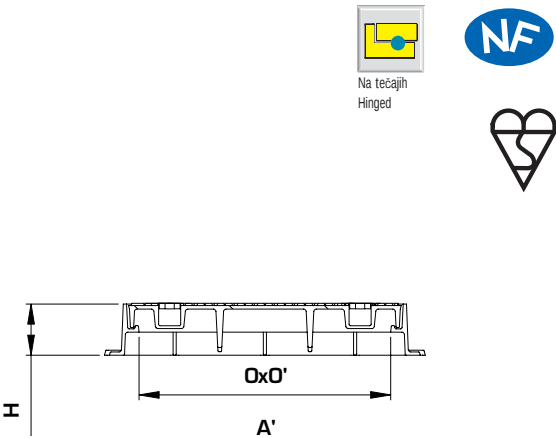
	Oznaka - Dimensions (mm)				Tela v - Mass (kg)	
	A x A'	O x O'	H	C x C'	pokrov cover	skupaj total
TI4S 060 045 AV	745 x 600	600 x 450	100	625 x 498	2 x 22	73
TI4S 075 045 AV	914 x 614	752 x 452	102	721 x 498	2 x 29,8	93,8
TI4S 060 060 1 AV	745 x 772	600 x 600	100	615 x 640	2 x 29	96
TI4S 090 060 AV	1102 x 764	902 x 602	102	410 x 648	4 x 23,4	134,9
TI4S 120 060 1 AV	1400 x 780	1200 x 600	120	615 x 650	4 x 30	208
TI4S 080 070 AV	945 x 872	800 x 700	100	813 x 740	2 x 42	130
TI4S 106 070 AV	1255 x 884	1060 x 700	100	546 x 740	4 x 31	192
TI4S 120 075 AV	1400 x 930	1200 x 750	120	618 x 800	4 x 42	260
TI4S 130 080 AV	1500 x 980	1300 x 800	100	666 x 846	4 x 43,5	247
TI4S 090.090 AV	1084 x 1100	900 X 900	150	950 x 925	66 + 62	208



KANALSKI POKROV / REŠETKA Z OKVIRJEM
ACCESS COVER & FRAME
SERIJA - RANGE
TRUCK™



TRUCK™ 500



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupi-
na 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE
Kanalski pokrov kvadratne ali pravokotne oblike z 1 ali 2 re ama za odpi-
ranje z BA 1 ključem (T ključ). Polietilenski vložek na okvirju preprečuje
ropot in vibracije pokrova. Zunanja oblika okvirja omogoča lažjo vgradn-
jo in pa možnost vgradnje na kakršnokoli podlago, tudi na tlakovane
površine.

ZAŠČITNI SLOJ
Nestrupena barva na vodni osnovi

CERTIFIKATI
NF, KITEMARK, ZAG

MESTO VGRADNJE
Vozne površine na cestiščih (vključno z ulicami kjer so cone za pešce), ban-
kine, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standar-
du EN 124 – 1994 ustreza skupini 4.

DODATNE MOŽNOSTI
- oznake in napisi: KANALIZACIJA, ELEKTRIKA, VODOVOD, JAVNA RAZS-
VETLJAVA, ...

DESCRIPTION
Access cover manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563. Load classification D400 to EN124.

CHARACTERISTICS
Solid top square or rectangular cover overall (insert the dimen-
sions of the selected product) provided with 1 or 2 BA1 keyways
for handling.
Frame incorporates polyethilene cushioning insert to prevent
noise and vibration (anti rock). Frame exterior design facilitates
a good sealing and installation in all surroundings i.e. pavior.
Insert dimensions of the selected product.

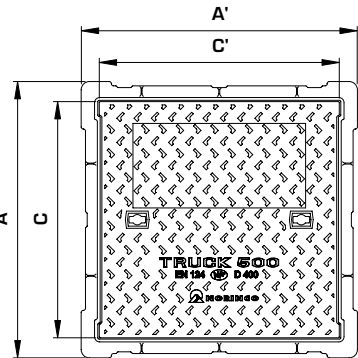
COATING
Non-toxic water based paint according to BS 3416.

PRODUCT CERTIFICATION
NF, KITEMARK, ZAG

PLACE OF INSTALLATION
Carriageways of roads (including pedestrian streets), hard shoul-
ders and parking areas, for all types of road vehicles.
Group 4: EN 124 - 1994 standard and lower groups.

OPTIONS
- Badging: please enquire

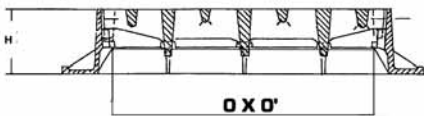
	Oznaka - Dimensions (mm)				Tela v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
TRUCK 300	440 x 440	300 x 300	76	351 x 361	14,8	26,5
TRUCK 400	540 x 540	400 x 400	102	445 x 455	23,4	39.7
TRUCK 500	640 x 640	500 x 500	102	547 x 556	33,3	53
TRUCK 600	740 x 740	600 x 600	102	647 x 658	45	68
TRUCK 700	840 x 840	702 x 702	102	747 x 747	62	90
TRUCK 7050	840 x 640	700 x 500	102	765 x 547	48,4	72,5



GD 4541 A DEE - GD 4541 EH



GD 4541 A DEE



OPIS

Kanalska rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupina 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE

Kanalska rešetka na tečajih z zapahi, oblikovana tako, da omogoča maksimalen pretok vode.

GD4145A: Smer odpiranja je vzporedna z robom pločnika. V primeru spremembe smeri prometa je rešetko mogoče obrniti brez izkopavanja okvirja. Svetla odprtina okvirja je 396 x 348 mm.

GD4541EH: Smer odpiranja je pravokotna na rob pločnika. Svetla odprtina okvirja je 450 x 410 mm.

ZAŠČITNI SLOJ

Nestrupena barva na vodni osnovi.

CERTIFIKATI

KITEMARK, ZAG

MESTO VGRADNJE

Vozne površine na cestnih površinah (vključno z ulicami kjer so cone za pešce), banke, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standardu EN 124 - 1994 ustreza skupini 4.

DESCRIPTION

Gully grating and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.

Load classification D400 to EN124.

CHARACTERISTICS

Captive and hinged grating with bars and grating specially designed to provide maximum water drainage.

GD4145A: grating 570x520 mm overall flange; hinge axis is parallel to kerbside. Reversible grating without frame unsealing, dependent on traffic flow. Frame clear opening 6x348mm.

GD4541EH: grating 570x520 mm overall flange; hinge axis is perpendicular to the kerbside. Frame clear opening 450x410mm.

COATING

Non-toxic water based black paint according to BS 3416.

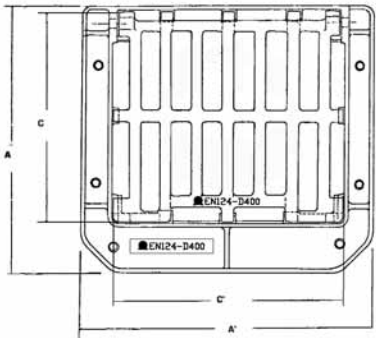
PRODUCT CERTIFICATION

KITEMARK

PLACE OF INSTALLATION

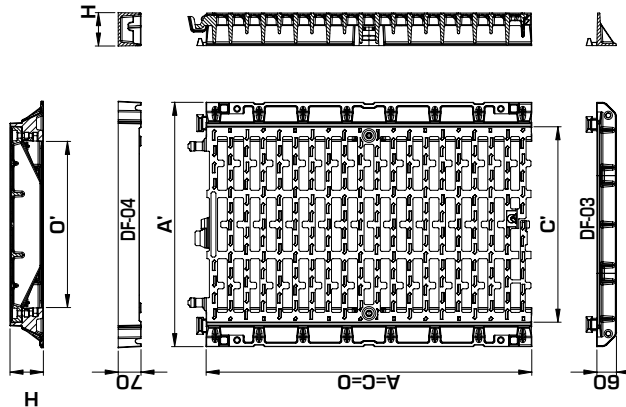
Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.

Group 4: EN 124 - 1994 standard and lower groups.



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)		Pretočna površina waterway cm2
	A x A'	O x O'	H	C x C'	pokrov grating	skupaj total	
GD 4541 A DEE	570 x 520	396 X 348	102	450 x 410	17	35	1080
GD 4541 EH	570 x 520	450 X 410	102	450 x 410	16,2	33,4	1000

CA1040...DVL - CA05110 DVL



OPIS

Kanalska rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred D400, skupina 4 po standardu EN 124. Nosilnost 400 kN.

KARAKTERISTIKE

Vzdolžna kanalska rešetka z okvirjem, oblikovana tako, da omogoča maksimalen pretok vode. Zapah z vzmetjo omogoča zaklepanje rešetke v okvir (razen CA 05110), dodatno pa se jo na okvir pritrdi z vijaki iz nerjavečega jekla. Nastavki v okvirju zagotavljajo pravilno namestitve rešetke v okvir. 2 sidrni odprtini omogočata pritrditev okvirja na podlago.

-Zaključna (na zahtevo) sta prav tako opremljena z nastavki ki omogočajo pravilno namestitve in 2 sidrni odprtini za pritrditev na podlago. **-Oprema za vgradnjo** (na zahtevo): 4 vložki s prilegajočimi se vijaki ki se jih pred vgradnjo pritrdi na okvir in omogočajo da rešetka med vgradnjo ostane v pravilni legi.

ZAŠČITNI SLOJ

Nestrupena črna barva na vodni osnovi

CERTIFIKATI

NF

MESTO VGRADNJE

Vozne površine na cestnih površinah (vključno z ulicami kjer so cone za pešce), banke, odstavni pasovi avtocest in parkirišča za vse vrste vozil. Po standardu EN 124 - 1994 ustreza skupini 4.



détail vis de mise à niveau
levelling screw detail



Kit de mise à niveau (agrandissement)
Levelling screws (enlargement)

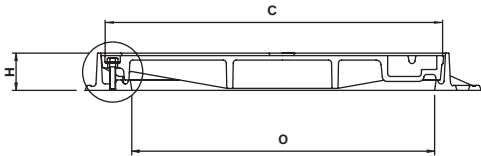
	Oznaka - Dimensions (mm)				Teža v - Mass (kg)		Pretočna površina waterway cm2	Zaključna kosa pair of end bars kg	
	A x A'	O x O'	H	C x C'	pokrov grating	skupaj total			
CA1030DVL	1000 x 450	210	100	300	31	59	1023	PEDF 3003.04	10
CA1040DVL	1000 x 550	310	100	400	42	70	1563	PEDF 4003.04	12,3
CA1050DVL	1000 x 650	410	100	500	59	86	1871	PEDF 5003.04	15,1
CA1060DVL	1000 x 750	510	100	600	74	102	2443	PEDF 6003.04	17,5
CA05110DVL	500 x 1270	1000	100	1095	85	102	2515	PEDF 11003.04	27,5



RAZRED - CLASS C 250

EN Standard 124: 1994

TP 800 E



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardom ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Okrogel kanalski pokrov, pritrjen na okvir s tremi vijaki iz nerjavečega jekla. Okrogel okvir višine 75 mm, s svetlo odprtino 600 mm in z neoprenskim tesnilom. Vodotesen do 1 bara.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 – 1994 ustreza skupini 3.

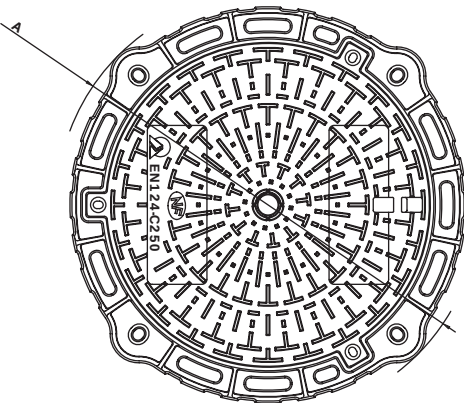
DESCRIPTION
Access cover and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

CHARACTERISTICS
Solid top circular cover ø 650 mm overall flange, bolted down by three stainless steel bolts. Circular frame, ø 850 mm overall flange, 75 mm depth, ø 600 mm clear opening, incorporates a ø 12 mm neoprene seal. Watertight up to 1 bar.

COATING
Non-toxic water based black paint according to BS 3416.

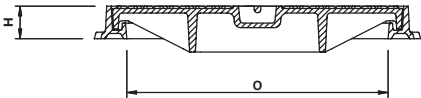
PRODUCT CERTIFICATION
NF

PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.
Group 3: EN 124 - 1994 standard and lower groups.



	Oznaka - Dimensions (mm)				Tela v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
TP 800 E	850	600	75	650	36,1	59,5

SHC C



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardom ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Kvadraten kanalski pokrov z utorom za tesnenje, ki preprečuje uhajanje vonjav. Pokrov ima 1 ali 2 re i (odvisno od dimenzije) za odpiranje z vzvodom. Pokrov je v celoti snemljiv iz okvirja. 4 vogalni gumijasti vložki preprečujejo ropot.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 – 1994 ustreza skupini 3.

DODATNE MOJNOSTI
- oznake in napisi: KANALIZACIJA, VODOVOD, ELEKTRIKA, JAVNA RAZSVE-
TLJAVA,...
- Zaklep pri izvedbi SHC C 700

DESCRIPTION
Access cover and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

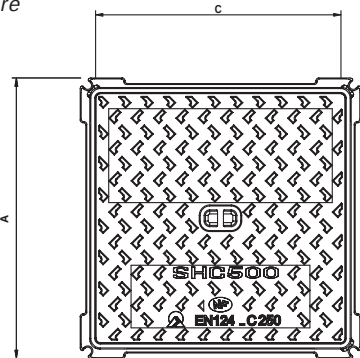
CHARACTERISTICS
Square single seal, odour resistant cover with 1 or 2 keyways dependent on size to allow removal by means of a hook or pick. Frame overall flange, clear opening, depth: insert dimensions of the selected product; provided with 4 rubber pads to prevent noise.

COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

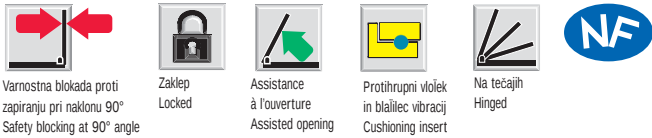
PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.
Group 3: EN 124 - 1994 standard and lower groups.

OPTIONS
- Badging: please enquire



	Oznaka - Dimensions (mm)				Tela v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
SHC C 400	400 x 400	300 x 300	50	340 x 340	12	19
SHC C 500	500 x 500	400 x 400	50	440 x 440	19	28
SHC C 600	600 x 600	500 x 500	50	540 x 540	28	39
SHC C 700	700 x 700	600 x 600	50	640 x 640	39	52
SHC C 800	840 x 820	700 x 700	55	750 x 750	59	77

HCIP 760 H



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardom ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Kvadraten kanalski pokrov na tečajih, opremljen z torzijsko vzmetjo ki omogoča lažje odpiranje pokrova in varnostno blokado proti zapiranju pokrova pri naklonu 90°. Pokrov ima zaklep iz nerjavečega jekla ki se odpira s posebnim ključem. Okvir tudi po vgradnji ostane 20 mm dvignjen nad nivo ceste, kar omogoča boljše odtekanje vode. 4 sidrne odprtine omogočajo pritrditev okvirja na podlago. Svetla odprtina okvirja je 760 x 760 mm.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 - 1994 ustreza skupini 3.

Opomba: Navodila za vgradnjo na zahtevo.

DESCRIPTION
Access cover and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

CHARACTERISTICS
Square cover, hinged with safety blocking, torsion-spring assisted opening, turnbuckle stainless steel lock with coded key. Visible frame to facilitate paving of surrounding area, to be installed +20mm from the road level to enhance water drainage, with 4 anchoring holes which can be used to fix the frame to brickwork as necessary. 760x760mm clear opening, 1010x980mm overall flange, 117mm deep.

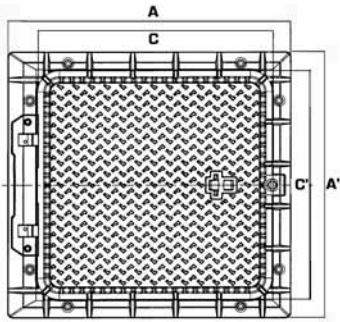
COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0,5 m into the carriageway and a maximum of 0,2 m into the footway.
Group 3: EN 124 - 1994 standard and lower groups.

OPTIONS
- Badging: please enquire

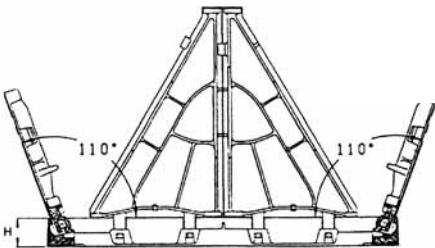
Note: Fixing instructions available on request.



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
TP 800 E	850	600	75	650	36,1	59,5

SPÉCIFIQUE POUR RESERVOIR CARBURANT - EFFORT L'OUVERTURE: < 30 daN
DESIGNED FOR PETROL TANKS - OPENING EFFORT: < 30 daN

TI3S



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardom ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Dvojni trikotni (2 ali 4) kanalski pokrov na tečajih z okvirjem iz enega kosa. Trikotni deli pokrova se odpirajo do 110° in imajo varnostno blokado proti zapiranju pri naklonu 90°. Deli pokrova so snemljivi vertikalno. Ropot in vibracije pokrova preprečuje 3 točkovno naleganje pokrova na okvir. Trikotni deli pokrova so medseboj tesno prilegajoči, medtem ko se zadnji-del pokrova zaklene z zaklepom iz nerjavečega jekla. Sila potrebna za odpiranje je 30 kn (razen pri TI4S090090 AV).

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 - 1994 ustreza skupini 3.

DODATNE MOJNOSTI:
- poseben ključ za zaklepanje in dvigovanje pokrova

DESCRIPTION
Access cover and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

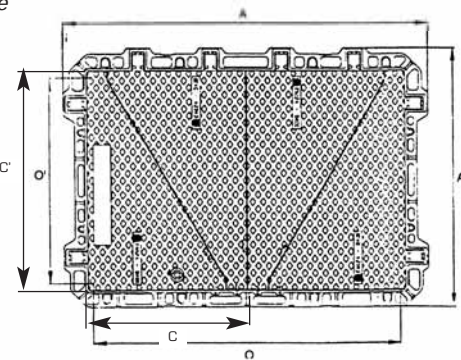
CHARACTERISTICS
Double triangular hinged access cover with as cast hinge and monoblock frame. Adjacent cover parts open to 110°, block at 90° for safety and are removable from the frame vertically. Non-rock element is achieved by three-point suspension. Locking is achieved by interlocking lids, with the last cover being locked by a stainless steel turnbuckle. Opening effort <30kN.
Dimensions: insert the dimensions of the selected product.

COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

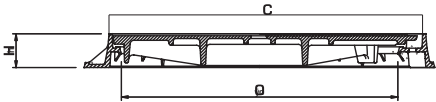
PLACE OF INSTALLATION
For gully tops installed in area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m, into the carriageway and a maximum of 0.2 m, into the footway.
Group 3: EN 124 - 1994 standard and lower groups.

OPTIONS
- Badging: please enquire
- Special locking and handling key: please enquire



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)	
	A x A'	O x O'	H	C x C'	pokrov cover	skupaj total
TI3S 060 060 AV	774 x 747	600 x 600	75	648 x 620	2 x 25,5	79
TI3S 080 070 AV	945 x 872	800 x 700	75	848 x 746	2 x 34,5	100
TI3S 106 070 AV	1252 x 884	1060 x 700	75	746 x 546	4 x 25,5	145

GR 85



OPIS
Kanalska rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Okrogla kanalska rešetka s pretočno površino 1060 cm² in okroglim okvirjem. Dimenzija svetle odprtine je 600 mm, višina okvirja pa 75 mm. Polietilenski vložek preprečuje ropot in vibracije pokrova. 4 sidrne odprtine omogočajo pritrditev okvirja na podlago.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 - 1994 ustreza skupini 3.

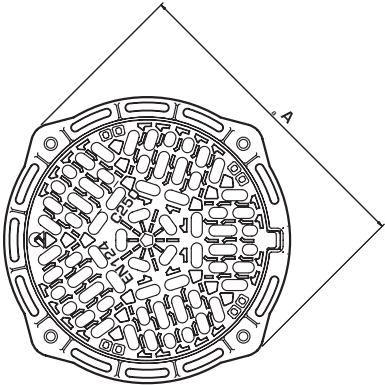
DESCRIPTION
Grating and frame manufactured from spheroidal graphite cast iron in accordance with standards 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

CHARACTERISTICS
Circular gully grating Ø 650 mm overall flange, waterway 1062 cm² and square frame 820 x 820 mm (circular Ø 850 mm), Ø 600 mm clear opening, 75 mm deep, provided with polyethylene cushioning insert to prevent noise and vibration (non-rock). 4 anchoring holes can be used to fix the frame to brickwork as necessary.

COATING
Non-toxic water based black paint according to BS 3416.

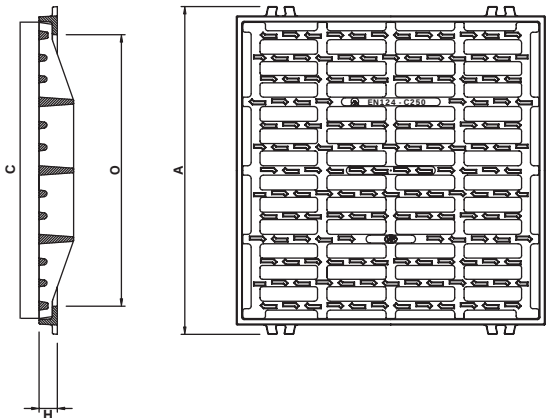
PRODUCT CERTIFICATION
NF

PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.
(Group 3: EN 124 - 1994 standard).



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)		Pretočna površina waterway cm2
	A x A'	O x O'	H	C x C'	rešetka grating	skupaj total	
GRR	850	600	75	650	28	48	1062
Okrogel okvir / circular frame							
GRC	820	600	75	650	28	55	1062
Kvadraten okvir / square frame							

P



OPIS
Kanalska rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Kvadratna, ravna kanalska rešetka z okvirjem, oblikovana tako, da omogoča maksimalen pretok vode. Protizdrsna površina.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 - 1994 ustreza skupini 3.

DESCRIPTION
Gully grating and frame manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

CHARACTERISTICS
Square, flat, anti-slip straight bar gully grating and frame with bars designed to provide maximum water drainage. Dimensions and waterway: insert C x C and waterway dimensions of the selected product. 4 anchoring lugs can be used to secure the frame as necessary. Dimensions: insert AxA of the selected product.

COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

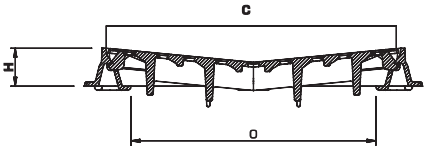
PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.
Group 3: EN 124 - 1994 standard and lower groups.

	Oznaka - Dimensions (mm)				Teža v - Mass (kg)		Pretočna površina waterway cm2
	A x A'	O x O'	H	C x C'	rešetka grating	skupaj total	
P 200	220	165	35	200	3,2	5,8	170
P 250	270	215	29	250	5,2	9	235
P 300	320	255	30	300	7,06	11	425
P 400	420	350	33	400	11,87	18	839
P 500	520	450	35	500	18,7	27,4	1350
P 600	625	550	40	600	30,6	43,2	1830
P 700	725	650	40	700	54,07	67,3	2000
P 800	825	750	40	800	71,37	88,5	2780

UPOGNJENA KANALSKA REŠETKA Z ZAKLEPOM - OKVIR
SELF-LOCKING DISHED GRATING & FRAME
SERIJA - RANGE

CIV

SEMELLE PÉRIPHERIQUE CONTINUE INTERIEURE POUR RECEVOIR SIPHON PLASTIQUE PVC
FRAME WITH CONTINUOUS PERIPHERAL FLANGE TO ACCOMMODATE PVC U BEND



DESCRIPTION
Kanalska rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Kvadratna, upognjena kanalska rešetka z okvirjem, oblikovana tako, da omogoča maksimalen pretok vode. Gibljive zgornje rešetke omogočajo zaklepanje v okvir . 4 sidrne odprtine omogočajo pritrditev okvirja na podlago. Z notranje strani ima okvir utor, v katerega se lahko naknadno namesti plastični U profil (naročiti ga je potrebno posebej).

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 – 1994 ustreza skupini 3.

Opomba: Za plastične U profile pošljite povpraševanje

Rešetka CI 400 V ima nosilnost 400 Kn.

DESCRIPTION
Gully grating and frame manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

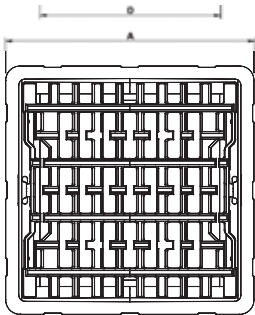
CHARACTERISTICS
Square, dished gully grating and frame with bars designed to provide maximum water drainage. Flexible front/rear bars permit grating to lock within frame. 4 anchoring holes can be used to secure the frame as necessary. Frame has internal peripheral flange to accommodate PVC U bend (not provided). Dimensions: insert dimensions of the selected product.

COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.
Group 3: EN 124 - 1994 standard and lower groups.

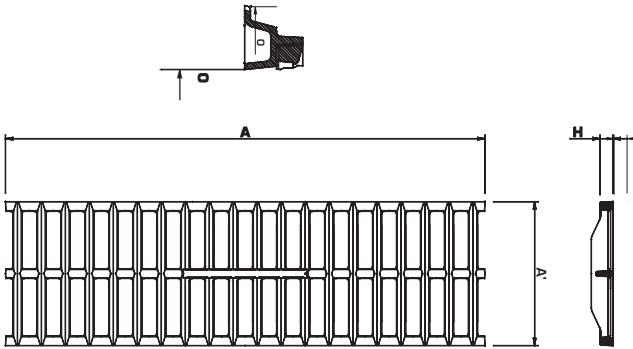
Note: For plastic U bend, please enquire



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)		Pretočna površina waterway cm2
	A x A'	O x O'	H	C x C'	pokrov grating	skupaj total	
CI 400 V	480	320	50	400	12	23,6	720
CI 450 V	500	370	50	450	15,5	27,3	900
CI 500 V	580	420	65	500	20	35	1150

METERSKA KANALSKA REŠETKA Z OKVIRJEM
FLAT GULLY GRATING & FRAME
SERIJA - RANGE

CA 1000 C



OPIS
Kanalska rešetka in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE
Kanalska rešetka [dolžine 1 meter] z okvirjem, oblikovana tako, da omogoča maksimalen pretok vode. Nastavki v okvirju zagotavljajo pravilno namestitev rešetke v okvir. 4 sidrne odprtine omogočajo pritrditev okvirja na podlago.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF

MESTO VGRADNJE
Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.
Po standardu EN 124 – 1994 ustreza skupini 3.

Opomba: Na neprometnih površinah so lahko rešetke položene na jekleno okovje dimenzije 30 x 30 x 3 mm.

DESCRIPTION
Channel grating and frame bars manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563.
Load classification C250 to EN124.

CHARACTERISTICS
Channel grating (1metre lengths) with bars specially designed to provide maximum water drainage. Dimensions: insert dimensions of the selected product. Frame bars (60mm deep) have locating lugs to ensure the grating is positioned correctly within the frame bars. Anchoring holes can be used to fix the frame to brickwork as necessary.

COATING
Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION
NF

PLACE OF INSTALLATION
For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.
Group 3: EN 124 - 1994 standard and lower groups.

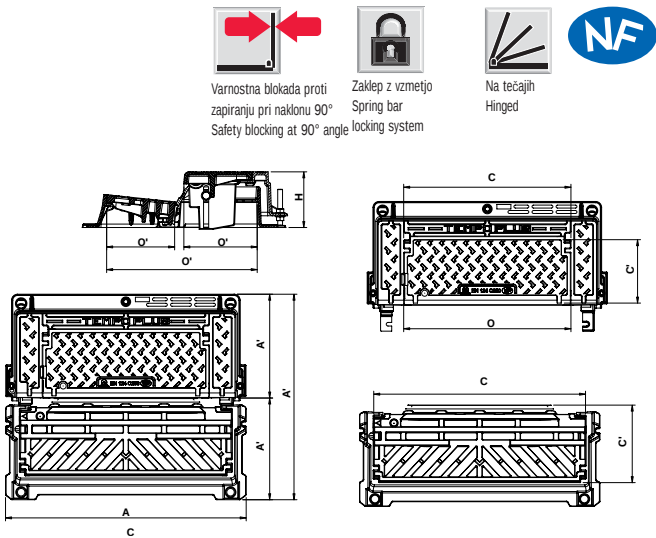
Note: In non-trafficked areas, gratings may be placed on a 30 x 30 x 3 mm steel angle

rešetka grating	Rešetka + 2 stranici grating + 2 end bars	Oznaka - Dimensions (mm)			Teža v - Mass (kg)		Pretočna površina waterway cm2
		A x A'	H	O	Rešetka + 2 stranici grating + 2 end bars	skupaj total	
CA 1020 C	CA 1020 CL	1000 x 200	27	150	14,2 + 13	27,2	987
CA 1025 C	CA 1025 CL	1000 x 250	27	200	21,7 + 13	34,7	1169
CA 1030 C	CA 1030 CL	1000 x 300	27	250	25,2 + 13	38,2	1479
CA 1040 C	CA 1040 CL	1000 x 400	27	350	33 + 13	46	2099
CA 1050 C	CA 1050 CL	1000 x 500	27	450	48 + 13	61	2591
CA 1060 C	CA 1060 CL	1000 x 600	27	550	57 + 13	70	3082
CA 1070 C	CA 1070 CL	1000 x 700	27	650	82,3 + 13	95,3	3500
leva stranica okvirja / left frame bar : C 10001 desna stranica okvirja / right frame bar : C 10002					13 kg na par / per pair		

TEMPOPLUS A/T



TEMPOPLUS A



OPIS

Kanalska rešetka za vgradnjo na robnik pločnika in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred C250, skupina 3 po standardu EN 124. Nosilnost 250 kN.

KARAKTERISTIKE

Rešetka namenjena vgradnji na robnik pločnika sestavljena iz treh delov – fiksni del (rešetka) na cestišču, vmesna, snemljiva rešetka in po višini nastavljivi del na robniku (zaprt pokrov). Rešetko je mogoče naročiti v dveh različicah:

TEMPOPLUS A – višino nastavljivega dela za vgradnjo na robnik je mogoče prilagajati od min. 60 do max. 80 mm.

TEMPOPLUS T – višino nastavljivega dela za vgradnjo na robnik je mogoče prilagajati od min. 100 do max. 150 mm.

Rešetka ima 630 cm² pretočne površine. Tako rešetka kot pokrov sta na tečajih, odpirata pa se do 100° v smeri proti robu pločnika in imata varnostno blokado proti zapiranju pri naklonu 90°. Premer svetle odprtine je 500 x 680 mm.

ZAŠČITNI SLOJ

Nestrupena črna barva na vodni osnovi.

CERTIFIKATI

NF

MESTO VGRADNJE

Stranski pasovi cest, največ 0,5 m od roba cestišča in največ 0,2 m v pločnik.

Po standardu EN 124 – 1994 ustreza skupini 3.

DODATNE MOŽNOSTI

- varnostni zaklep

DESCRIPTION

Kerb gully grating / frame combination manufactured from spheroidal graphite cast iron in accordance with ISO 1083 (grade 500-7) and EN 1563.

Load classification C250 to EN124

CHARACTERISTICS

Kerb gully grating and frame overall size 688 x 800 mm with overall cover size 550 x 228; A profil 60 to 80mm height adjustable (or T profil 100 to 150mm height adjustable). Base and kerb gully, 800 x 683mm overall flange, 630 cm² waterway, with removable selective bar; tridirectional bars and shape are especially designed to provide maximum water drainage on a frame of 705 x 273 mm overall flange.

Frame with hinged gully top. Grating and cover open to 100° to the kerb, block at 90° angle for safety, are removable from the frame vertically and are spring locking.

Overall clear opening is 500 x 680 mm

COATING

Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION

NF

PLACE OF INSTALLATION

For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 m into the footway.

Group 3: EN 124 - 1994 standard and lower groups.

OPTIONS

- Security locking
- Badging: please enquire



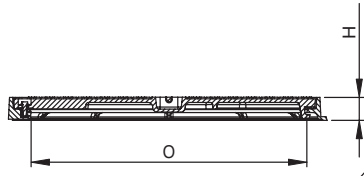
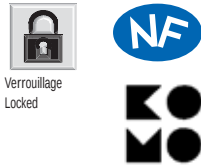
TEMPOPLUS T

	Oznaka - Dimensions (mm)				Tela v - Mass (kg)		Pretočna površina waterway cm2
	A x A'	O x O'	H skupaj - total	C x C'	pokrov grating	skupaj total	
TEMPOPLUS A	800 X 683	500 X 680	145	550 X 228	13,1	79,3	630+ (262 à/ to405)
Kanalska rešetka + vmesna rešetka kerb gully with base, hinged grating	po višini nastavljiv and selective bar						
TEMPOPLUS T	800 X 688	500 X 680	185	550 X 228	13,1	89,3	630+ (475 à/ to762)
Kanalska rešetka + vmesna rešetka kerb gully with base, hinged grating	po višini nastavljiv and selective bar						
TEMPOPLUS G	800 x 312	680 X 230	110	705 x 273	19,4	31,3	630
Rešetka na tečajih+okvir hinged grating + frame							

RAZRED - CLASS B 125

EN Standard 124: 1994

KANALSKI POKROV Z OKVIRJEM
ACCESS COVER & FRAME
SERIJA - RANGE
TRP



OPIS
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred B125, skupina 2 po standardu EN 124. Nosilnost 125 kN

KARAKTERISTIKE
Okrogel kanalski pokrov. Na okvir se ga pritrdi s pomočjo vijaka in diametralno postavljenega zatiča.
TRP690V je mogoče dobiti tudi v različici z zaklepom: TRP690 VQ08.
Reža na pokrovu omogoča odpiranje in odstanjevanje s pomočjo vzvoda.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF, KOMO, ZAG

MESTO VGRADNJE
Zelene površine, pešpoti, pločniki, kolesarske steze in parkirišča za osebna vozila. Po standardu EN 124 - 1994 ustreza skupini 2.

DESCRIPTION
Access cover and visible square frame manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563.
Load classification B125 to EN124.

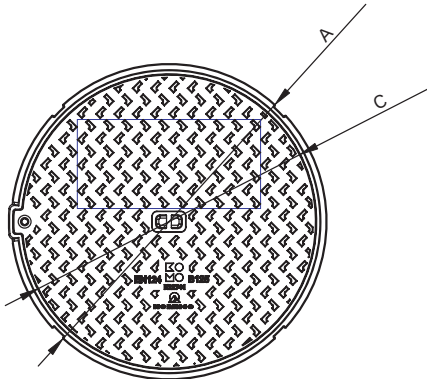
CHARACTERISTICS
Circular access cover which can be locked to its frame with a screw and pin system diametrically opposed on the cover.
TRP690VRéférence can be provided with a turnbuckle locking system: TRP 690 VQ08
The cover is provided with one keyway to allow removal by means of hook or a pick.
Insert dimensions of the selected product.

COATING
Non-toxic water based paint according to BS 3416.

PRODUCT CERTIFICATION
NF, KOMO

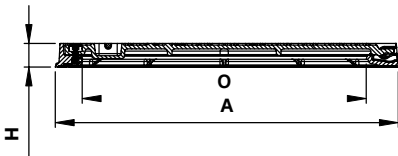
PLACE OF INSTALLATION
Footways, pedestrian areas and comparable areas, car parks or car parking decks.
Group 2: EN 124 - 1994 standard and lower group.

OPTIONS
- Badging: please enquire



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)	
	Ø A	Ø O	H	Ø	pokrov cover	skupaj total
TRP 510VTH8	510	420	50	460	12	20
TRP 590VTH8	590	500	50	543	15,6	24,3
TRP 690VTH8	690	600	50	643	23	33

KANALSKI POKROV NA TEČAJIH Z OKVIRJEM
HINGED SECURED ACCESS COVER & FRAME
SERIJA - RANGE
TRP...AP



DESCRIPTION
Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred B125, skupina 2 po standardu EN 124. Nosilnost 125 kN

CARACTERISTIQUES
Okrogel kanalski pokrov na tečajih. Reža na pokrovu omogoča odpiranje in odstanjevanje s pomočjo vzvoda. Pokrov je mogoče s strani na okvir zakleniti z zapahom in vijakom iz nerjavečega jekla.

ZAŠČITNI SLOJ
Nestrupena črna barva na vodni osnovi.

CERTIFIKATI
NF, N

MESTO VGRADNJE
Zelene površine, pešpoti, pločniki, kolesarske steze in parkirišča za osebna vozila. Po standardu EN 124 - 1994 ustreza skupini 2.

DESCRIPTION
Access cover and visible square frame manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563.
Load classification B125 to EN124.

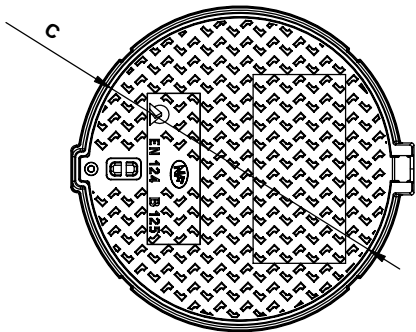
CHARACTERISTICS
Hinged pre-secured circular cover and frame. The cover is provided with one keyway to allow removal by means of hook or a pick.
If necessary the cover can be locked on site by means of TH 08x30 stainless steel screw with M08 stainless steel square bolt. Insert dimensions of the selected product.

COATING
Non-toxic water based paint according to BS 3416.

PRODUCT CERTIFICATION
NF, N

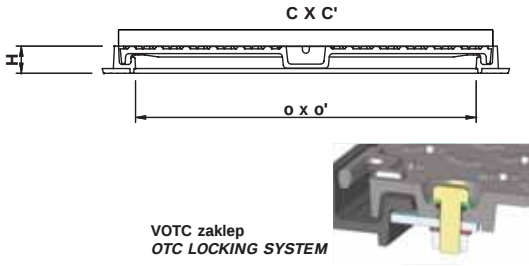
PLACE OF INSTALLATION
Footways, pedestrian areas and comparable areas, car parks or car parking decks.
Group 2: EN 124 - 1994 standard and lower group.

OPTIONS
- Badging: please enquire



	Oznaka - Dimensions (mm)				Teža v - Mass (kg)	
	Ø A	Ø O	H	Ø	pokrov cover	skupaj total
TRP 800 AP	727	600	50	640	23,3	33,7
TRP 1000 AP	931	802	60	839	43,5	70

KANALSKI POKROV Z UTOROM ZA TESNENJE - OKVIR
SINGLE SEAL ACCESS COVER & FRAME
SERIJA - RANGE
QUATTRO™



OPIS

Kanalski pokrov in okvir iz nodularne litine. Proizvedeno v skladu s standardoma ISO 1083 (kvaliteta 500-7) in EN 1563. Razred B125, skupina 2 po standardu EN 124. Nosilnost 125 kN

KARAKTERISTIKE

Kvadraten kanalski pokrov z utorom za tesnenje, ki preprečuje uhajanje vonjav. Manjši pokrovi imajo 2 reži za odpiranje z vzvodom, večji (od dimenzije 600 dalje) pa reži za odpiranje s ključem. Pokrov je v celoti snemljiv iz okvirja. 4 vogalni gumijasti vložki preprečujejo ropot. Prirobnica na okvirju omogoča boljšo vgradnjo in pa možnost vgradnje na kakršnokoli podlago, tudi na tlakovane površine.

ZAŠČITNI SLOJ

Nestrupena črna barva na vodni osnovi.

CERTIFIKATI

NF, ZAG

MESTO VGRADNJE

Zelene površine, pešpoti, pločniki, kolesarske steze in parkirišča za osebna vozila. Po standardu EN 124 - 1994 ustreza skupini 2.

DODATNE MOJNOSTI:

- Zaklep: na voljo za QUATTRO 400/500/600. Dodati oznako VOTC.
- Oznake in napisi: VODOVOD, KANALIZACIJA, ELEKTRIKA, JAVNA RAZSVETLJAVA, ...

DESCRIPTION

Access cover and frame manufactured from spheroidal graphite cast iron in accordance with standards ISO 1083 (grade 500-7) and EN 1563. Load classification B125 to EN124.

CHARACTERISTICS

Single seal solid top slide out access cover and frame with 4 rubber pads to alleviate noise between cover and frame. Flange on frame provides better grip to concrete and facilitates installation in all surroundings, e.g. pavior. Dimensions: insert dimensions of the selected product. Smaller covers incorporate two slots on opposing sides to assist opening, larger covers (from 600 dimension) have one or two closed keyways (in the locked version: only the slot next to the lock is kept).

COATING

Non-toxic water based black paint according to BS 3416.

PRODUCT CERTIFICATION

NF

PLACE OF INSTALLATION

Footways, pedestrian areas and comparable areas, car parks or car parking decks.

Group 2: EN 124 - 1994 standard and lower group.

OPTIONS

- Locking: available for QUATTRO 400/500/600. VOTC to be added to the Référence
- Badging: please enquire

Caniveau Duct cover	Oznaka - Dimensions (mm)				Teža v - Mass (kg)	
	A	O	H	C	pokrov cover	skupaj total
aenor QUATTRO 300	300 X 300	202 X 202	39	247 X 267	4	8
aenor QUATTRO 400	400 X 400	302 X 302	39	347 X 367	7	13
QUATTRO 450	450 X 450	352 X 352	39	397 X 417	10	16
aenor QUATTRO 500	500 X 500	402 X 402	40	447 X 467	11	19
aenor QUATTRO 600	600 X 600	502 X 502	40	547 X 567	18	28
QUATTRO 700	700 X 700	602 X 602	42	647 X 667	31	42
QUATTRO 800	800 X 800	702 X 702	42	747 X 767	45	59
QUATTRO 5060	600 x 495	502 x 395	42	547 X 460	17	26
QUATTRO 7055	700 X 550	600 X 450	40	747 X 767	45	59
Oznaka za VOTC zaklep / OTC locking system références						
QUATTRO 400 VOTC	400 X 400	302 X 302	40	347 X 367	7	13
QUATTRO 500 VOTC	500 X 500	402 X 402	40	447 X 467	11	19
QUATTRO 600 VOTC	600 X 600	502 X 502	40	547 X 567	18	28
QUATTRO 700 VOTC	700 X 700	600 X 600	42	647 X 667	28	39,03



Serija proizvodov Ermatic ponuja obse en in visoko specializiran program kanalskih pokrovov, namenjen različnim uporabnikom:

- Kanalizacija: nadzorne postaje za jaške z usedlinami, večji jaški za dostop
- Telekomunikacije: jaški za vozlišča kablov
- Električna: razsvetljava, signalizacija, transformatorske postaje, električne omarice
- pitna voda, plin, toplovodi, jaški z ventili, jaški za razdelilnike in jaški za števec.

Primerno za:

- Letališča in pristanišča
- Železnice
- Elektrarne in električne centrale
- Vodovodne centrale in čistilne naprave
- Proizvodne obrate, industrijo
- Posebne projekte: sejmišča in zabavišne parke



1 / 2 / 3 delna enota
1 / 2 / 3 - part unit

VEČDELNA KONSTRUKCIJA

Možnost sestavljanja elementov pokrovov omogoča širok spekter različnih dimenzij. Elementi pokrova (stranice okvirja in zaključni lameli) so med seboj pritrjeni z vijaki in aluminijastimi spojkami, kar omogoča vzdolžno odpiranje tudi pri velikem številu zaporednih pokrovov.

Nad svetlo odprtino 1200 mm, je v posamezne enote Ermatica mogoče vstaviti ojačitev v obliki prečk kar omogoča, da se pokrovi prilagajajo tudi največjim jaškom.



kanaleta
Duct cover

NALEGANJE IN TESNENJE

Vodoravne in navpične zunanje površine pokrova in okvirja so mehansko obdelane in med seboj tesno nalegajo znotraj tolerance 0,2 mm.

Naleganje: ob pravilni vgradnji pokrovi iz serije Ermatic ne ropotajo in ne vibrirajo pod težo prometa, ter hkrati preprečujejo vdor prahu in ostalih nečistoč.

Tesnenje: tanek sloj nanešene masti na nalegajoče površine pokrova in okvirja omogoča, da je Ermatic vodotesen ob normalnih zunanjih vplivih.

Ermatic products provide a comprehensive and highly specified range of access covers for different underground networks

- *Sewerage: inspection pits for sludge chambers, access shafts for large plant items.*
- *Telecommunications: cable joint chambers.*
- *Electricity: lighting, signals, transformer pits, cable joint boxes*
- *Potable water, gas, district heating, valve chambers, manifold chambers and meter chambers.*

Suitable for the following environments:

- Airports and ports,
- Railways,
- Power stations,
- Water treatment and purification plants,
- Manufacture of Ermatic products provide a comprehensive and highly specified range of access covers for different underground networks

Ermatic products ensure protection against damage, debris or aggressive chemicals allowing designers to conceal underground services, maximising productive use of the unobstructed surface.

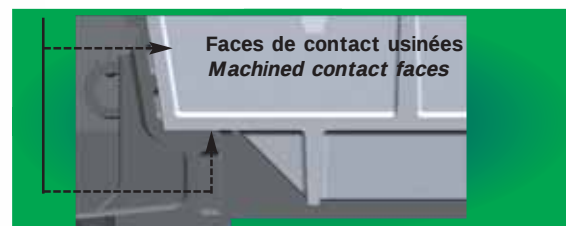
Couvercle à remplissage béton
Recessed cover for concrete infill



MODULAR CONSTRUCTION

The use of modular elements gives a vast range of sizes:

Frame elements (side frames and end plates) are assembled using bolts and aluminium joints to provide linear openings for even the longest ducts. Above clear opening spans of 1200 mm, Ermatic units use removable beams supported in boxes. This allows units to be built to suit large chambers.



STABILITY AND SEALING

The horizontal and vertical faces of the cover and frame are machined to give metal-to-metal contact between the seating faces, within a tolerance of 0.2 mm.

Stability: when correctly installed, Ermatic products are non-rocking, silent under traffic and prevent the ingress of dust and debris.

Sealing: the addition of a film of grease to the machined contact faces of the cover and frame renders the Ermatic cover system surface watertight under standard conditions.



Couvercle avec tampon de jauge
Cover with centrally located removable plug



Couvercle à remplissage pavés pour zones piétonnes
Recessed cover for pavior infill for pedestrian areas.



Couvercle à remplissage béton
Recessed cover for concrete infill

IZGLED ZUNANJE POVRŠINE POKROVA

Zasnovani za uporabo na različnih lokacijah, pokrovi iz serije Ermatic ponujajo tudi več možnosti izgleda zunanje površine pokrovov.

Masiven pokrov s protizdrsko površino

Pokrov ima enake lastnosti kot tisti, namenjen za polnitev s tlakovci ali betonom, kljub temu da je ob vgradnji lažji. To omogoča ni je stroške vgradnje ob tem da lastnosti pokrova niso odvisne od kvalitete betonskega polnila.

Pokrov namenjen polnitvi s tlakovci ali betonom

V razredih B 125 in C 250 so pod površino pokrova nameščena rebra ki omogoča polnitev s kockastim tlakom. Ta tip pokrova je primeren za vgradnjo na mestih kjer je najpomembnejši estetski izgled. Betonska polnitev mora biti opravljena v skladu z zahtevani standardi EN 124: 1994 in Norincovimi specifikacijami.

Barva

Pokrovi in okvirji: pobarvani s črno barvo na vodni osnovi, razen na mehansko obdelanih stičnih površinah in površinah, ki so v stiku z betonom. Kadar se pokrovi odpremljajo demontirani, je na stične površine nanešen zaščitni premaz.

ROKOVANJE

Lahko snemljivi: pokrovi zdrsnejo v in iz okvirja po posebnih vodilih in jih ni potrebno dvigovati v navpični položaj.

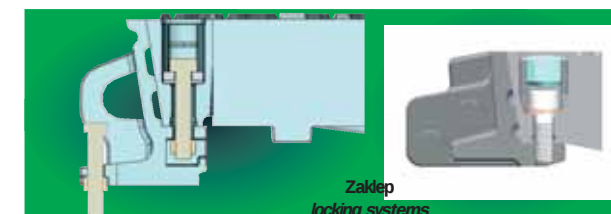
Ermatic ključ: zasnovan za dodatno zagotavljanje varnosti proizvodov. Dodatno zmanjšuje napor pri odpiranju in odstranjevanju pokrova. **Univerzalne ključavnice:**

■ Omogočajo odpiranje z različnimi vrstami ključev.

■ Zaprtje so s plastičnimi čepi, ki preprečujejo vdor umazanije in koščkov betona.

Rebrasta spodnja stran pokrova

Ojačitvena rebra na spodnji strani pokrova segajo globlje kot pokrov in ščitijo vodila za odpiranje in odstranjevanje pokrova. Hkrati preprečujejo, da bi kakršnikoli mastni delci s pokrova prišli v stik s tlemi (razen pri nekaterih B 125 pokrovi za polnitev z betonom).



ZAKLEPANJE POKROVOV

Opomba: Zaradi večje varnosti in učinkovitosti pokrovov Ermatic, pokrovov od razreda D400 navzgor sploh ni mogoče niti brez zaklepa. Izboljšava, ki bo postopoma uvedena pri vseh pokrovi iz serije Ermatic (že na razpolago pri vseh proizvodih razreda D400) bo tudi olajšala vgradnjo in namestitve pokrova v okvir.

Pokrovi z zaklepom so priporočljivi v naslednjih primerih:

- Zelo prometne ceste
 - Pritisk s spodnje strani pokrova
 - Varovanje jaškov pred vstopom nepooblaščenih oseb;
- Pokrovi so zaklenjeni z vijaki iz nerjavečega jekla.

■ **CHC zaklep:** : standarden vijak

■ **OTC zaklep:** nestandarden vijak s posebno glavo in levim navojem. (odpira se samo s posebnim OTC ključem).

TYPE OF SURFACE FINISH

Designed for a wide range of applications, the Ermatic range offers a choice of covers to suit every specification of performance and/or appearance.

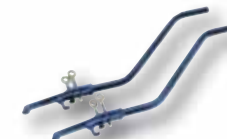
Solid top cover with regular anti-slip surface

This cover offers equal performance whilst being lighter than recessed covers of a comparable size when filled with concrete. Installation costs are reduced and the performance is not influenced by the quality of the concrete infill.

Cover recessed for concrete infill

In classes B 125 and C 250, the ribs are positioned below the surface of the cover to permit the installation of thin paving. This type of cover is particularly suited to large openings where aesthetic considerations are a priority.

Concrete infill shall be undertaken in accordance with the requirements of EN 124: 1994 and with Norinco's specifications detailed in the Ermatic Catalogue.



HANDLING

Note: In order to guarantee a better performance of our ERMATIC systems, it has been decided to supply all products in D400 and above classes systematically locked. The improvement, which will be progressively enforced on the concerned products (already available for the whole D400 range) improves the installation as the covers are perfectly positioned in their frames.

Locking covers are recommended for:

- Heavy traffic
- Resistance to pressure from below
- Securing the chamber against unauthorised access
- Covers are locked with stainless steel bolts
- **Locking CHC:** Standard Allen head bolt.
- **Locking OTC:** Non standard special head bolt with left hand thread. (corresponding locking key OTC required).

LOCKING OF ERMATIC® COVERS

Note: In order to guarantee a better performance of our ERMATIC systems, it has been decided to supply all products in D400 and above classes systematically locked. The improvement, which will be progressively enforced on the concerned products (already available for the whole D400 range) improves the installation as the covers are perfectly positioned in their frames.

Locking covers are recommended for:

- Heavy traffic
- Resistance to pressure from below
- Securing the chamber against unauthorised access

Covers are locked with stainless steel bolts

- **Locking CHC:** Standard Allen head bolt.
- **Locking OTC:** Non standard special head bolt with left hand thread. (corresponding locking key OTC required).



REGULACIJSKI VIJAKI

Da bi olajšali niveliranje Ermatic pokrovov, so jim priloženi tudi regulacijski vijaki. Ti vijaki omogočajo, da se tudi po vgradnji, lahko prilagaja višina posameznega pokrova do eljenega nivoja in pravilne lege pokrova. S tem sistemom je mogoče naknadno odpraviti morebitne napake storjene ob vgradnji.

Regulacijski vijaki so že na voljo za vse proizvode iz razredov B125 in C250 ter bodo postopoma dostopni tudi za pokrove ostalih razredov.

MEDNARODNE REFERENCE

Kakovost, zanesljivost in dobre lastnosti pokrovov iz serije Ermatic so potrjene tudi s strani različnih uporabnikov, ki so jih vključili v svoje mednarodne projekte, od katerih naštevamo nekaj najpomembnejših:

■ **Letališča:** Manchester Runway II, BAA Heathrow, East Midlands (ZK), Kaitak (Hong-Kong), Changi (Singapur), Madrid Barajas (Španija), Roissy CDG (Francija), Dublin (Irska), Frankfurt, Stuttgart, München (Nemčija), Atene (Grčija), Dubai International (Združeni Arabski Emirati), Linate Milan (Italija), Pierre Trudeau International Airport (Kanada), Ezeiza (Argentina), Miami International Airport, Johannesburg International Airport, Sangster International Airport, Warsaw International Airport,...

■ **Pristanišča:** Duba Dock (Združeni Arabski Emirati), DML Devonport Royal Dockyard, Portsmouth Naval Base HMS Warrior Portsmouth (UK), Dunkerque, Rouen (Francija), Bremenhaven, Kiel (Nemčija), Trst (Italija), Valencia (Španija), Porto (Portugalska),...

■ **Industrijski obrati:** Ciba Geigy, Renault, Peugeot (Francija), Audi, BMW, Mercedes Benz, Siemens (Nemčija), Hewlett Packard, Pfizer Chemical (Irska), LG Semi conductor plant Newport, Hull UWWTD, Royal Mail Distribution Centre Sheffield, Manchester Convention (ZK), Bayer (Belgija).

■ **Ostali projekti:** Rokavski predor, Disneyland Pariz, TGV železniške postaje,...

ADJUSTING BOLTS

In order to facilitate the levelling of the ERMATIC® systems, adjusting bolts are supplied with the products. These bolts will allow, if necessary, to adjust the height of the system to the final level and correct any possible defects of the civil work. These bolts will be added to the ones already available on the beam boxes of our multiple systems. This improvement is already in force for all our B125 and C250 systems and will be progressively extended to the whole range (please enquire for more information).

AN INTERNATIONAL REFERENCE

The quality, reliability and performance of the **Ermatic** range is proven by the variety of international applications in which it has been used. The following is a selection of prestigious international projects where Ermatic products have been used extensively:

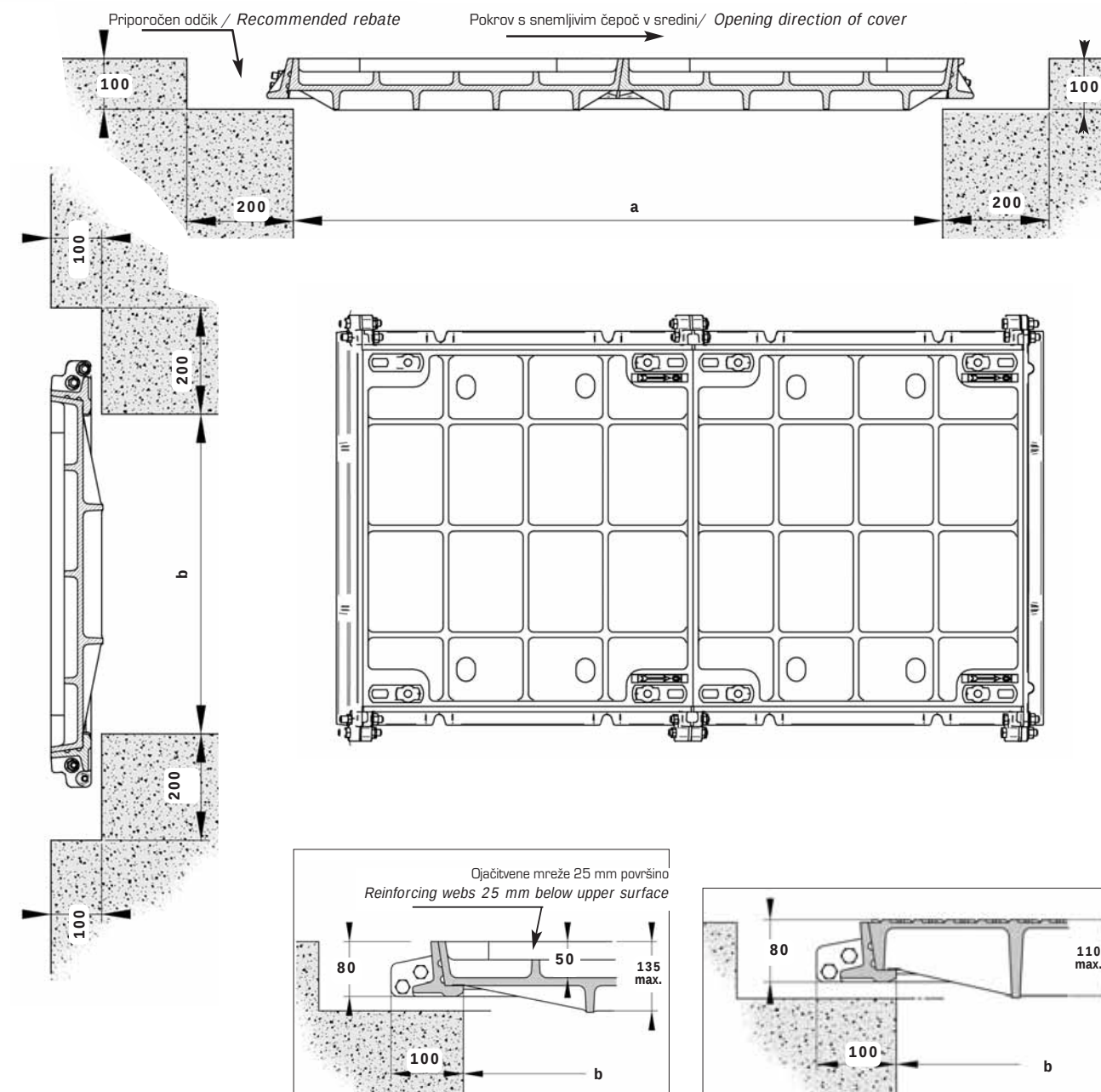
■ **Airports:** Manchester Runway II, BAA Heathrow, East Midlands (UK), Kaitak (Hong-Kong), Changi (Singapore), Madrid Barajas (Spain), Roissy CDG (France), Dublin (Ireland), Frankfurt, Stuttgart, Munich (Germany), Athens (Greece), Dubai International (UAE), Linate Milan (Italy), Pierre Trudeau International Airport (Canada), Ezeiza (Argentina), Miami International Airport, Johannesburg International Airport, Sangster International Airport, Warsaw International Airport, etc...

■ **Ports:** Dubaï Dock (UAE), DML Devonport Royal Dockyard, Portsmouth Naval Base HMS Warrior Portsmouth (UK), Dunkerque, Rouen (France), Bremenhaven, Kiel (Germany), Trieste (Italy), Valencia (Spain), Porto (Portugal), etc...

■ **Industries:** Ciba Geigy, Renault, Peugeot (France), Audi, BMW, Mercedes Benz, Siemens (Germany), Hewlett Packard, Pfizer Chemical (Ireland), LG Semi conductor plant Newport, Hull UWWTD, Royal Mail Distribution Centre Sheffield, Manchester Convention (UK), Bayer (Belgium).

■ **Other projects:** Channel tunnel, Disneyland Paris, TGV train stations etc...

Ermatic® B125 - C250



Ermatic® B125 - C250

MOŽNOSTI/ OPTION
STANDARDNI ZAKLEP (VCHC) ali VARNOSTNI ZAKLEP (VOTC): : NAZI-
VU POKROVA DODAJTE OZNAKO ZELENEGA ZAKLEPA
Standard Locking VOTC or Security Locking VCHC
Add corresponding suffix to the reference

Svetla odprtina Clear Opening a x b (mm)	ERMATIC B 125 Pokrovi za polnitev Recessed Covers	ERMATIC B 125 Masivni pokrovi Solid top Covers	ERMATIC C 250 Pokrovi za polnitev Recessed Covers	ERMATIC C 250 Masivni pokrovi Solid Top Covers	Zunanji robovi Overall Flange Dolžina x širina x višina Length x Width x height (mm)	Število pokrovov Number of covers
300 X 300		ER2S 030 030		ER3S 030 030	410 X 500 X 80	■
620 X 300		ER2S 062 030		ER3S 062 030	730 X 500 X 80	■ ■
750 X 300	ER2R 075 030		ER3R 075 030		860 X 500 X 80	■ ■ ■
940 X 300		ER2S 094 030		ER3S 094 030	1050 X 500 X 80	■ ■ ■ ■
1520 X 300	ER2R 152 030		ER3R 152 030		1630 X 500 X 80	■ ■ ■ ■ ■
2290 X 300	ER2R 229 030		ER3R 229 030		2400 X 500 X 80	■ ■ ■ ■ ■ ■
450 X 450	ER2R 045 045	ER2S 045 045	ER3R 045 045	ER3S 045 045	560 X 650 X 80	■ ■ ■ ■
600 X 450	ER2R 060 045		ER3R 060 045		710 X 650 X 80	■ ■ ■ ■ ■
900 X 450	ER2R 090 045		ER3R 090 045		1010 X 650 X 80	■ ■ ■ ■ ■ ■
920 X 450	ER2R 092 045	ER2S 092 045	ER3R 092 045	ER3S 092 045	1030 X 650 X 80	■ ■ ■ ■ ■ ■
1070 X 450	ER2R 107 045		ER3R 107 045		1180 X 650 X 80	■ ■ ■ ■ ■ ■ ■
1220 X 450	ER2R 122 045		ER3R 122 045		1330 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■
1390 X 450	ER2R 139 045	ER2S 139 045	ER3R 139 045	ER3S 139 045	1500 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1520 X 450	ER2R 152 045		ER3R 152 045		1630 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1540 X 450	ER2R 154 045		ER3R 154 045		1650 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1820 X 450	ER2R 182 045		ER3R 182 045		1930 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1840 X 450	ER2R 184 045		ER3R 184 045		1950 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2140 X 450	ER2R 214 045		ER3R 214 045		2250 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2440 X 450	ER2R 244 045		ER3R 244 045		2550 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2740 X 450	ER2R 274 045		ER3R 274 045		2850 X 650 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
600 X 600	ER2R 060 060	ER2S 060 060	ER3R 060 060	ER3S 060 060	710 X 800 X 80	■ ■ ■ ■ ■
750 X 600	ER2R 075 060	ER2S 075 060	ER3R 075 060		860 X 800 X 80	■ ■ ■ ■ ■ ■
900 X 600	ER2R 090 060		ER3R 090 060		1010 X 800 X 80	■ ■ ■ ■ ■ ■ ■
1220 X 600	ER2R 122 060	ER2S 122 060	ER3R 122 060	ER3S 122 060	1330 X 800 X 80	■ ■ ■ ■ ■ ■ ■
1370 X 600	ER2R 137 060		ER3R 137 060		1480 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■
1520 X 600	ER2R 152 060	ER2S 152 060	ER3R 152 060		1630 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1670 X 600	ER2R 167 060		ER3R 167 060		1780 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1820 X 600	ER2R 182 060		ER3R 182 060		1930 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1840 X 600	ER2R 184 060	ER2S 184 060	ER3R 184 060	ER3S 184 060	1950 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1990 X 600	ER2R 199 060		ER3R 199 060		2100 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2140 X 600	ER2R 214 060		ER3R 214 060		2250 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2290 X 600	ER2R 229 060	ER2S 229 060	ER3R 229 060		2400 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2440 X 600	ER2R 244 060		ER3R 244 060		2550 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2590 X 600	ER2R 259 060		ER3R 259 060		2700 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2740 X 600	ER2R 274 060		ER3R 274 060		2850 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
600 X 750	ER2R 060 075		ER3R 060 075		710 X 950 X 80	■ ■ ■ ■ ■ ■
750 X 750	ER2R 075 075	ER2S 075 075	ER3R 075 075	ER3S 075 075	860 X 950 X 80	■ ■ ■ ■ ■ ■ ■
1220 X 750	ER2R 122 075		ER3R 122 075		1330 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■
1370 X 750	ER2R 137 075		ER3R 137 075		1480 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1520 X 750	ER2R 152 075	ER2S 152 075	ER3R 152 075	ER3S 152 075	1630 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1840 X 750	ER2R 184 075		ER3R 184 075		1950 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1990 X 750	ER2R 199 075		ER3R 199 075		2100 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2140 X 750	ER2R 214 075		ER3R 214 075		2250 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2290 X 750	ER2R 229 075	ER2S 229 075	ER3R 229 075	ER3S 229 075	2400 X 950 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
600 X 900	ER2R 060 090	ER2S 060 090	ER3R 060 090	ER3S 060 090	710 X 1100 X 80	■ ■ ■ ■ ■ ■ ■
750 X 900	ER2R 075 090	ER2S 075 090	ER3R 075 090	ER3S 075 090	860 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■
900 X 900		ER2S 090 090		ER3S 090 090	1010 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1220 X 900	ER2R 122 090	ER2S 122 090	ER3R 122 090	ER3S 122 090	1330 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
1370 X 900	ER2R 137 090	ER2S 137 090	ER3R 137 090	ER3S 137 090	1480 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1520 X 900	ER2R 152 090	ER2S 152 090	ER3R 152 090	ER3S 152 090	1630 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1670 X 900		ER2S 167 090		ER3S 167 090	1780 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1820 X 900		ER2S 182 090		ER3S 182 090	1930 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1840 X 900	ER2R 184 090	ER2S 184 090	ER3R 184 090		1950 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1990 X 900	ER2R 199 090	ER2S 199 090	ER3R 199 090	ER3S 199 090	2100 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2140 X 900	ER2R 214 090	ER2S 214 090	ER3R 214 090	ER3S 214 090	2250 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2290 X 900	ER2R 229 090	ER2S 229 090	ER3R 229 090	ER3S 229 090	2400 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2440 X 900		ER2S 244 090		ER3S 244 090	2550 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2590 X 900		ER2S 259 090		ER3S 259 090	2700 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
2740 X 900		ER2S 274 090		ER3S 274 090	2850 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
500 X 1000	ER2R 050 100		ER3R 050 100		680 X 1200 X 80	■ ■ ■ ■ ■ ■
1020 X 1000	ER2R 102 100		ER3R 102 100		1200 X 1200 X 80	■ ■ ■ ■ ■ ■ ■
1540 X 1000	ER2R 154 100		ER3R 154 100		1720 X 1200 X 80	■ ■ ■ ■ ■ ■ ■ ■
2060 X 1000	ER2R 206 100		ER3R 206 100		2240 X 1200 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■
750 X 1200			ER3R 075 120		860 X 1400 X 80	■ ■ ■ ■ ■ ■ ■
1520 X 1200			ER3R 152 120		1630 X 1400 X 80	■ ■ ■ ■ ■ ■ ■ ■
2290 X 1200			ER3R 229 120		2400 X 1400 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■

C 250
Pokrovi za polnitev s tlakovi
Pavior Infill Covers

C 250
Masivni pokrovi s snemljivim
čepom 250 mm v sredini
Solid top covers with plug cover 250

600 X 600	ER3P 060 060	ER3T 060 060	710 X 800 X 80	■ ■ ■ ■ ■
1220 X 600	ER3P 122 060	ER3T 122 060	1330 X 800 X 80	■ ■ ■ ■ ■ ■ ■
1840 X 600	ER3P 184 060	ER3T 184 060	1950 X 800 X 80	■ ■ ■ ■ ■ ■ ■ ■
900 X 900		ER3T 090 090	1010 X 1100 X 80	■ ■ ■ ■ ■ ■ ■
1820 X 900		ER3T 182 090	1930 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■
2740 X 900		ER3T 274 090	2850 X 1100 X 80	■ ■ ■ ■ ■ ■ ■ ■ ■



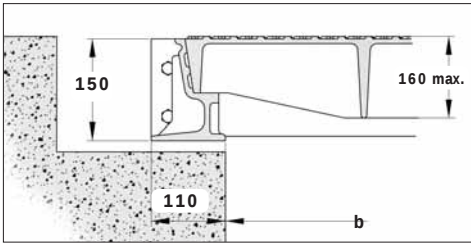
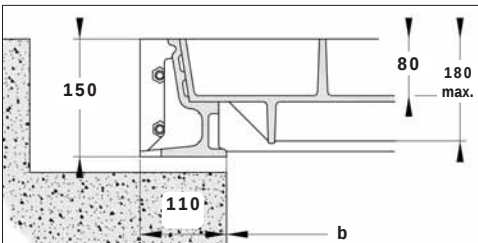
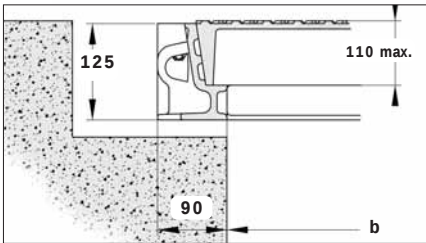
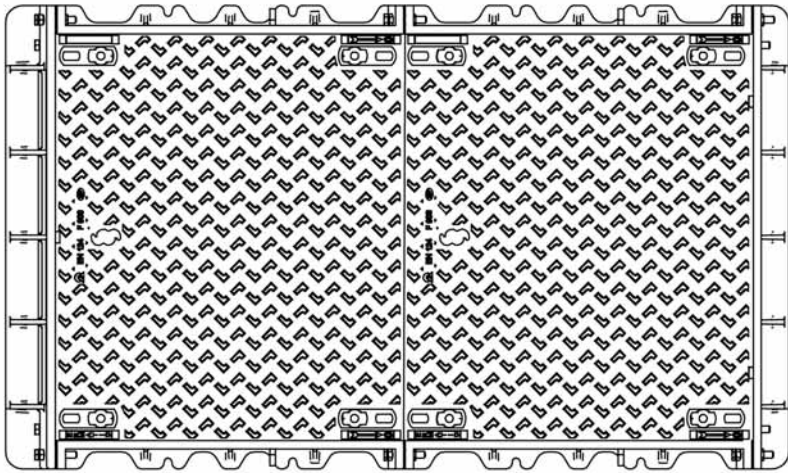
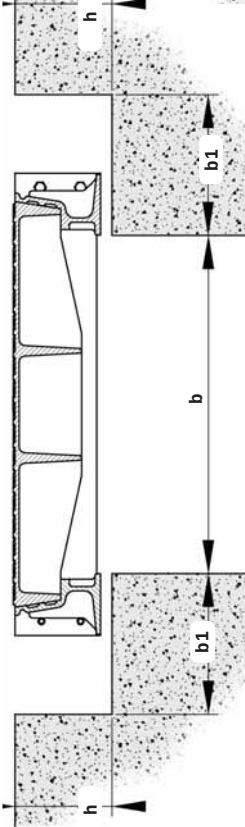
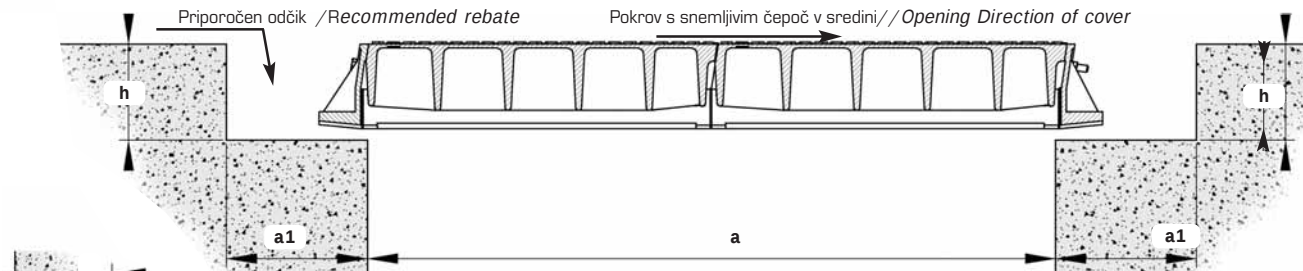
Ermatic® D400 - E600 - F900



Pokrov zapolnitev z betonom
Cover for concrete infill



Massiven pokrov
Solid top cover



Priporočen odmik Recommended rebate		a1 / b1	h
višina okvirja frame depth	125	200	150
višina okvirja frame depth	150	250	170



Ermatic® D400 - E600 - F900

MOŽNOSTI/ OPTION
STANDARDNI ZAKLEP (VCHC) ali VARNOSTNI ZAKLEP (VOTC) :
NAZIVU POKROVA DODAJTE OZNAKO ZELENEGA ZAKLEPA
Standard Locking VCHC or Security Locking VOTC :
Add corresponding suffix to the reference

Svetla odprtina Overall opening a x b (mm)	ERMATIC D 400 Pokrovi za polnitev Recessed Covers	ERMATIC D 400 Masivni pokrovi Solid Top Covers	ERMATIC E 600 Pokrovi za polnitev Recessed Covers	ERMATIC E 600 Masivni pokrovi Solid Top Covers	ERMATIC F 900 Pokrovi za polnitev Recessed Covers	ERMATIC F 900 Masivni pokrovi Solid Top Covers	Zunanji robovi Overall Flange Dolžina x širina x višina length x width x height (mm)	Število pokrovov Number of covers
*450 X 450		ER4S 045 045					620 x 630 X 125	■
*920 X 450		ER4S 092 045					1090 x 630 x125	■ ■
*1390 X 600		ER4S 139 045					1560 x 630 x 125	■ ■ ■
600 X 600		ER4S 060 060					770 X 780 X 125	■
600 X 600	ER5R 060 060		ER6R 060 060	ER6S 060 060	ER9R 060 060	ER9S 060 060	770 X 820 X 150	■
750 X 600	ER5R 075 060		ER6R 075 060	ER6S 075 060	ER9R 075 060	ER9S 075 060	920 X 820 X 150	■
1220 X 600		ER4S 122 060					1390 X 780 X 125	■ ■
1220 X 600	ER5R 122 060		ER6R 122 060	ER6S 122 060	ER9R 122 060	ER9S 122 060	1390 X 820 X 150	■ ■
1370 X 600	ER5R 137 060		ER6R 137 060	ER6S 137 060	ER9R 137 060	ER9S 137 060	1540 X 820 X 150	■ ■
1520 X 600	ER5R 152 060		ER6R 152 060	ER6S 152 060	ER9R 152 060	ER9S 152 060	1690 X 820 X 150	■ ■
1840 X 600		ER4S 184 060					2010 X 780 X 125	■ ■ ■
1840 X 600	ER5R 184 060		ER6R 184 060	ER6S 184 060	ER9R 184 060	ER9S 184 060	2010 X 820 X 150	■ ■ ■
1990 X 600	ER5R 199 060		ER6R 199 060	ER6S 199 060	ER9R 199 060	ER9S 199 060	2160 X 820 X 150	■ ■ ■
2140 X 600	ER5R 214 060		ER6R 214 060	ER6S 214 060	ER9R 214 060	ER9S 214 060	2310 X 820 X 150	■ ■ ■
2290 X 600	ER5R 229 060		ER6R 229 060	ER6S 229 060	ER9R 229 060	ER9S 229 060	2460 X 820 X 150	■ ■ ■
600 X 750	ER5R 060 075		ER6R 060 075	ER6S 060 075	ER9R 060 075	ER9S 060 075	770 X 970 X 150	■
750 X 750	ER4R 075 075	ER4S 075 075					920 X 930 X 125	■
750 X 750	ER5R 075 075		ER6R 075 075	ER6S 075 075	ER9R 075 075	ER9S 075 075	920 X 970 X 150	■
1220 X 750	ER5R 122 075		ER6R 122 075	ER6S 122 075	ER9R 122 075	ER9S 122 075	1390 X 970 X 150	■ ■
1370 X 750	ER5R 137 075		ER6R 137 075	ER6S 137 075	ER9R 137 075	ER9S 137 075	1540 X 970 X 150	■ ■
1520 X 750	ER5R 152 075		ER6R 152 075	ER6S 152 075	ER9R 152 075	ER9S 152 075	1690 X 970 X 150	■ ■
1520 X 750	ER4R 152 075	ER4S 152 075					1690 X 930 X 125	■ ■
1840 X 750	ER5R 184 075		ER6R 184 075	ER6S 184 075	ER9R 184 075	ER9S 184 075	2010 X 970 X 150	■ ■ ■
1990 X 750	ER5R 199 075		ER6R 199 075	ER6S 199 075	ER9R 199 075	ER9S 199 075	2160 X 970 X 150	■ ■ ■
2140 X 750	ER5R 214 075		ER6R 214 075	ER6S 214 075	ER9R 214 075	ER9S 214 075	2310 X 970 X 150	■ ■ ■
2290 X 750	ER4R 229 075	ER4S 229 075					2460 X 930 X 125	■ ■ ■
2290 X 750	ER5R 229 075		ER6R 229 075	ER6S 229 075	ER9R 229 075	ER9S 229 075	2460 X 970 X 150	■ ■ ■
600 X 900		ER4S 060 090					770 X 1080 X 125	■
600 X 900	ER5R 060 090		ER6R 060 090	ER6S 060 090	ER9R 060 090	ER9S 060 090	770 X 1120 X 150	■
750 X 900	ER5R 075 090		ER6R 075 090	ER6S 075 090	ER9R 075 090	ER9S 075 090	920 X 1120 X 150	■
900 X 900	ER4R 090 090	ER4S 090 090					1070 X 1080 X 125	■
1220 X 900		ER4S 122 090					1390 X 1080 X 125	■ ■
1220 X 900	ER5R 122 090		ER6R 122 090	ER6S 122 090	ER9R 122 090	ER9S 122 090	1390 X 1120 X 150	■ ■
1370 X 900	ER5R 137 090		ER6R 137 090	ER6S 137 090	ER9R 137 090	ER9S 137 090	1540 X 1120 X 150	■ ■
1520 X 900		ER4S 152 090					1690 X 1080 X 125	■ ■
1520 X 900	ER5R 152 090		ER6R 152 090	ER6S 152 090	ER9R 152 090	ER9S 152 090	1690 X 1120 X 150	■ ■
1670 X 900				ER6S 167 090		ER9S 167 090	1840 X 1120 X 150	■ ■
1820 X 900	ER4R 182 090	ER4S 182 090					1990 X 1080 X 125	■ ■
1820 X 900				ER6S 182 090		ER9S 182 090	1990 X 1120 150	■ ■
1840 X 900		ER4S 184 090					2010 X 1080 X 125	■ ■ ■
1840 X 900	ER5R 184 090		ER6R 184 090	ER6S 184 090	ER9R 184 090	ER9S 184 090	2010 X 1120 X 150	■ ■ ■
1990 X 900	ER5R 199 090		ER6R 199 090	ER6S 199 090	ER9R 199 090	ER9S 199 090	2160 X 1120 X 150	■ ■ ■
2140 X 900		ER4S 214 090					2310 X 1080 X 125	■ ■ ■
2140 X 900	ER5R 214 090		ER6R 214 090	ER6S 214 090	ER9R 214 090	ER9S 214 090	2310 X 1120 X 150	■ ■ ■
2290 X 900	ER5R 229 090		ER6R 229 090	ER6S 229 090	ER9R 229 090	ER9S 229 090	2460 X 1120 X 150	■ ■ ■
2440 X 900		ER4S 244 090					2610 X 1080 X 125	■ ■ ■
2440 X 900				ER6S 244 090		ER9S 244 090	2610 X 1120 X 150	■ ■ ■
2590 X 900				ER6S 259 090		ER9S 259 090	2760 X 1120 X 150	■ ■ ■
2740 X 900	ER4R 274 090	ER4S 274 090					2910 X 1080 X 125	■ ■ ■
2740 X 900				ER6S 274 090		ER9S 274 090	2910 X 1120 X 150	■ ■ ■
500 X 1000	ER5R 050 100		ER6R 050 100		ER9R 050 100		670 X 1220 X 150	■
*1000 x 1000		ER4S 100 100					1170 X 1180 X 125	■
1020 X 1000	ER5R 102 100				ER9R 102 100		1190 X 1220 X 150	■ ■
1540 X 1000	ER5R 154 100		ER6R 154 100		ER9R 154 100		1710 X 1220 X 150	■ ■ ■
*2020 X 1000		ER4S 202 100					2190 X 1180 X 125	■ ■
2060 X 1000	ER5R 206 100		ER6R 206 100		ER9R 206 100		2230 X 1220 X 150	■ ■ ■
*3040 X 1000		ER4S 304 100					3210 X 1180 X 125	■ ■ ■
F 900 Masivni pokrovi s središčnim izgibom 250 mm v središču Solid top covers with plug cover 250 mm								
750 X 750			ER9T 075 075				920 X 970 X 150	■
1520 X 750			ER9T 152 075				1690 X 970 X 150	■ ■
2290 X 750			ER9T 229 075				2460 X 970 X 150	■ ■ ■

RAZRED - CLASS D400
OPO M BA : STANDARDNI PROIZVODI SO OPREMLJENI Z VCHC ZAKLEPOM VCHC
Note : Standard products are delivered with VCHC locking system
VARNOSTNI ZAKLEP VOTC PO NAROČILU: OZNAKI POKROVA NA KONCU DODAJTE »VOTC«
For Security locking system add suffix VOTC to the reference
* NOVE DIMENZIJE *New dimensions

CESTNE KAPE - DREVESNE REŠETKE
SURFACE BOXES - TREE GRATINGS



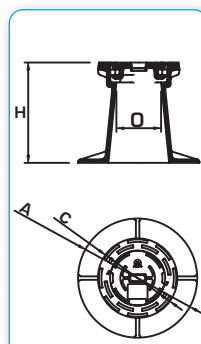
PROIZVEDENE IZ NODULARNE LITINE V SKLADU
S STANDARDOMA ISO 1083 IN EN 1563
MANUFACTURED FROM SPHEROIDAL GRAPHITE CAST IRON
IN ACCORDANCE WITH ISO 1083 and EN 1563 STANDARD

CESTNE KAPE - SURFACE BOXES



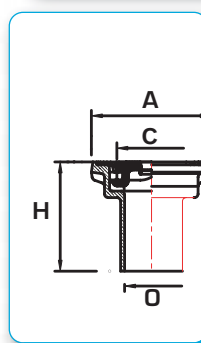
MTC-V
CESTNA KAPA
HEAVY DUTY SURFACE BOX

	Oznaka - Dimensions (mm)				Tela v Mass (kg)
	A	O	H	C	
MTC RV okrogla - circular	240	90	200	110	7
MTC CV kvadratna - square	240	90	200	110	7
MTC HV šestokotn - hexagon	240	90	200	110	7
MTC PV peterokoten - pentagon	240	90	200	110	7



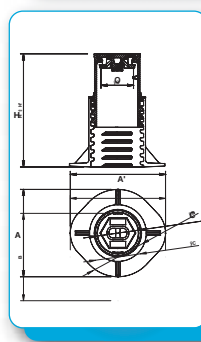
PODALŽEK CESTNE KAPE MTC
HEIGHT EXTENSION FOR MTC

	Oznaka - Dimensions (mm)				Tela v Mass (kg)
	A	O	H	C	
REHAUSSE-R za for MTC RV	160	74	150	110	4
REHAUSSE-C za for MTC CV	135	74	150	110	4
REHAUSSE-H za for MTC RV	175	74	150	110	4



BC 17L TELESKOPSKA
CESTNA KAPA
HEAVY DUTY SURFACE BOX
HEIGHT EXTENDED BY ROTATION

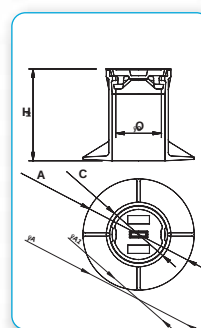
	Oznaka - Dimensions (mm)				Tela v Mass (kg)
	A x A'	O	H	C	
BC 17L R	220 X 240	82	185	114	9
BC 17L C	220 X 240	82	185	114	9
BC 17L H	220 X 240	82	185	114	9



BC 4-S
CESTNA KAPA
LIGHT DUTY SURFACE BOX

	Oznaka - Dimensions (mm)				Tela v Mass (kg)
	A	O	H	C	
BC 4 SR	220	82	165	116	4,2

Opomba : Na voljo tudi druge dimenzije
Nota : Other dimensions available please enquire



PROIZVEDENE IZ NODULARNE LITINE V SKLADU
S STANDARDOMA ISO 1083 IN EN 1563
MANUFACTURED FROM SPHEROIDAL GRAPHITE CAST IRON
IN ACCORDANCE WITH ISO 1083 and EN 1563 STANDARD

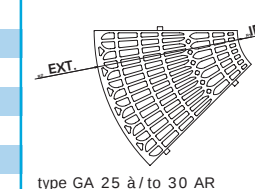
DREVESNE REŠETKE - TREE GRATINGS

OKROGLA 8 DELNA DREVESNA REŠETKA
8 PART CIRCULAR TREE GRATING



N a sliki primer rešetke G4 do G8 / represented

	Oznaka - Dimensions (mm)		Tela v Mass (kg)
	notranje internal	zunanje external	
GA 4 okrogla 8 delna / circular 8 parts	400	1070	54
GA 5 V / circular 8 parts	500	1200	67
GA 6 okrogla 8 delna / circular 8 parts	600	1300	75
GA 7 okrogla 8 delna / circular 8 parts	700	1400	78
GA 8 okrogla 8 delna / circular 8 parts	800	1500	86
GA 25 okrogla 8 delna / circular 8 parts	500	2000	168
GA 26 okrogla 8 delna / circular 8 parts	600	2000	160
GA 27 okrogla 8 delna / circular 8 parts	700	2000	152
GA 28 okrogla 8 delna / circular 8 parts	800	2000	146
GA 29 okrogla 8 delna / circular 8 parts	900	2000	150
GA 30 okrogla 8 delna / circular 8 parts	1000	2000	138



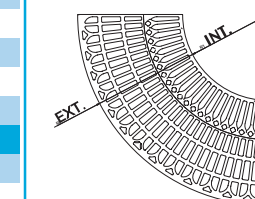
type GA 25 à / to 30 AR

OKROGLA 2&4 DELNA DREVESNA REŠETKA
2 & 4 PART CIRCULAR TREE GRATING



N a sliki primer rešetke GAR 105 / represented

	Oznaka - Dimensions (mm)		Tela v Mass (kg)
	notranje internal	zunanje external	
GAR 105 okrogla 2 deln / circular 2 parts	500	1000	57
GA 26 AR okrogla 4 deln / circular 4 parts	600	2000	148
GA 28 AR okrogla 4 deln / circular 4 parts	800	2000	135
GA 29 AR okrogla 4 deln / circular 4 parts	900	2000	132
GA 30 AR okrogla 4 deln / circular 4 parts	1000	2000	123
grilles pleines / solid tree guards			
GA 26 PR okrogla 4 deln / circular 4 parts	600	2000	225
GA 28 PR okrogla 4 deln / circular 4 parts	800	2000	213
GA 29 PR okrogla 4 deln / circular 4 parts	900	2000	204
GA 30 PR okrogla 4 deln / circular 4 parts	1000	2000	196



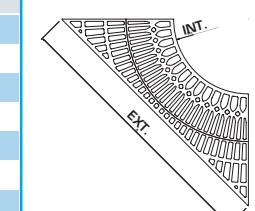
type GA 26 à / to 30 AR

KVADRATNA 4 DELNA DREVESNA REŠETKA
4 PART SQUARE TREE GRATING



N a sliki primer rešetke GAC 25 do 27 / represented

	Oznaka - Dimensions (mm)		Tela v Mass (kg)
	notranje internal	zunanje external	
GAC 25 kvadratna 4 delna / square 4 parts	500	1200	120
GAC 27 kvadratna 4 delna / square 4 parts	700	1500	140
GA 26 AC kvadratna 4 delna / square 4 parts	600	1414	92
GA 28 AC kvadratna 4 delna / square 4 parts	800	1414	79
GA 29 AC kvadratna 4 delna / square 4 parts	900	1414	76
GA 30 AC kvadratna 4 delna / square 4 parts	1000	1414	72
GAC 185 kvadratna 4 delna / square 4 parts	550	1414	247
grilles pleines / solid tree guards			
GA 26 PC kvadratna 4 delna / square 4 parts	600	1414	147
GA 28 PC kvadratna 4 delna / square 4 parts	800	1414	140
GA 29 PC kvadratna 4 delna / square 4 parts	900	1414	122
GA 30 PC kvadratna 4 delna / square 4 parts	1000	1414	112



type GA 26 à / to 30 AC

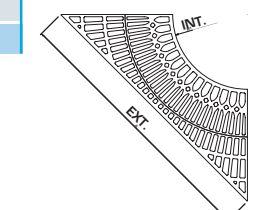
KVADRATNA 2 DELNA DREVESNA REŠETKA
2 PART SQUARE TREE GRATING



N a sliki primer rešetke GAC 105 / represented

	Oznaka - Dimensions (mm)		Tela v Mass (kg)
	interne internal	externe external	
GAC 105 kvadratna 2 delna / square 2 parts	500	1000	102

Opomba - Note:
Izgled drevesnih rešetek variira glede na različne velikosti.
The appearance of tree gratings varies dependant on size.



> **NORINCO DEUTSCHLAND**

Einemstrasse 5
D10787 Berlin- Deutschland
TEL **49 30 200 51 0** - FAX 49 30 200 51 299
e-mail : norinco@norinco-germany.com

> **NORINCO DO BRASIL**

Alameda Lorena, 800 - Sala1711
CEP 01424-001 - São Paulo-SP-Brasil
TEL **55 11 3525 72 71** - FAX 55 11 3525 7273
e-mail : norinco@norincodobrasil.com.br

> **NORINCO FRANCE**

1, rue Prenat - BP 75
F69702 Givors cedex - France
TEL **33 4 72 49 27 27** - FAX 33 4 72 24 38 80
e-mail : contact@norincofrance.fr

> **NORINCO IBERICA**

Avenida Alberto - Alcocer, 46 2B
E28016 Madrid - España
TEL **34 91 458 6041** - FAX 34 91 458 6309
e-mail : norinco@norincoiberica.com

> **NORINCO ITALIA**

Via Marco Besso, 40
I00191 Roma - Italia
TEL **39 06 329 2671** - FAX 39 06 329 2309
e-mail : norinco@norinco-italia.com

> **NORINCO SINGAPORE REP. OFFICE**

16 Raffles Quay # 15-04, Hong Leong Building
Singapore 048581
TEL **65 62212387** - FAX 65 62212385
e-mail : norinco@norinco-singapore.com

> **NORINCO UK**

Ver House - London Road - Markyate
ST Albans - AL3 8JP - United Kingdom
TEL **44 1 582 841 568** - FAX 44 1 582 841 253
e-mail : sales@norinco-uk.com

Norinco® 06/08



TELECOM & CABLE NETWORKS

> **NORFOND**

Z.I de Marivaux - Saint Crépin Ibouvillers
F60544 Méru cedex - France
TEL **33 3 44 08 28 00** - FAX 33 3 44 08 28 01
e-mail : export@groupe-norinco.com

> **FMC**

Rue des Cerisiers - ZA de Braux
F08120 Bogny sur Meuse - France
TEL **33 3 24 52 37 37** - FAX 33 3 24 32 02 10
e-mail : comdir.fmc@wanadoo.fr

> **NORLONG**

N°1, Zhenfa 8 RD, Shuofang
Industrial Park, Wuxi new District, China 214142
TEL **86 510 531 00 81** - FAX 86 510 531 00 92
e-mail : sales@norlong.net

> www.norinco.fr



Norinco is a member of EJ GROUP, world leaders in infrastructure solutions.



NORINCO registered marks



NORINCO®
TELECOM®
SELFLEVEL®
ERMATIC®
CHILDSAFETY®
NORGUSS®
PALIOS®
CABLECOM®
NORLONG®
MAXIMO®
AQUERA®
WE COVER YOUR INFRASTRUCTURE