

*gran***matrix**
by Metalac



life quality design

Granmatrix spada u grupu kompozitnih, odnosno tzv. Solid Surface materijala. Osnovni sastojak Granmatrix-a je poliesterska akrilno modifikovana smola, koja se meša sa odgovarajućim mineralom (aluminijum-trihidroksid), koji datoj smoli daje formu i čvrstoću. Na ovaj način dobija se proizvod koji izgleda kao kamen, a obrađuje se lako kao drvo.

Granmatrix is a Solid Surface composite material. The main component of the Granmatrix is a polyester acryl-modified resin mixed with the mineral aluminium trihydroxide, which gives shape and hardness to the resin. As a result we get the material that is hard as a stone and at the same time easy to work with.

KARAKTERISTIKE **Granmatrix-a**

- Širok spektar boja i dezena – Metalac inko u paleti trenutno ima više od pedeset boja, pri čemu je paleta praktično neograničena
- Glatka površina i prijatan osećaj na dodir
- Nevidljivi spojevi i prelazi između delova – tzv. monoblok izgled, odnosno utisak da je krajnji proizvod napravljen iz jednog dela
- Antibakterijska, neporozna i hemijsko-fizički otporna površina – što Granmatrix čini odličnim izborom u oblasti pripreme hrane i zdravstvenim ustanovama
- Jednostavno fabrikovanje i instalacija
- Jednostavno čišćenje i održavanje
- Reparabilnost – bilo kakva oštećenja (sitne ogrebotine i sl) mogu se popraviti, tako da proizvod, koji je godinama bio u upotrebi, može ponovo izgledati kao nov
- Granmatrix je materijal sa termooblikujućim osobinama, što znači da se može zagrevati i saviti u različite trodimenzionalne oblike, što doprinosi broju različitih mogućnosti primene

Granmatrix PROPERTIES

- Wide range of colours and patterns – we offer more than fifty colours and patterns, while the palette is practically unlimited
- Smooth surface, pleasant to touch
- Seamless texture and monoblock structure
- Anti-bacterial non porous surface with chemical and physical resistance – Granmatrix is a great choice for contact with food and for medical environment
- Easy manufacture and installation
- Easy to use and clean
- Repairable – any damage (like small scratches and similar) could be repaired and the top surface that had been used for years could look like brand new
- Thermoformable – Granmatrix can be heated and bent into different three-dimensional forms, which contributes to the the number of different application possibilities

Table se izrađuju u standardnim dimenzijama 3600x760 mm i 3600x860 mm. Standardna debljina ploča iznosi 6, 9 i 12 mm.

Moguća je izrada i prilagođenih dimenzija u dogovoru sa fabrikatorima, a unutar maksimalno dozvoljenih dimenzija od 3600x860 mm.

Panels are made in standard sizes: 3600x760 mm and 3600x860 mm. Standard panel thickness is 6, 9 and 12 mm.

It is possible to produce custom table sizes according to client's needs, within maximum size of 3600x860 mm.



PRIMENA **Granmatrix-a** / APPLICATION of **Granmatrix**:

- Kuhinje / Kitchens
- Kupatila / toaleti / Bathrooms / Toilets
- Restorani / lokali / hoteli / Restaurants / Shops / Hotels
- Laboratorije / Laboratories
- Nameštaj / Furniture
- Potprozornici / Window Sills
- Slobodne forme / Free Forms



Granmatrix je materijal koji se izlivanjem može pretočiti u bilo koju formu. Metalac Inko od Granmatrix-a proizvodi ploče (različitih dimenzija i debljina) i druge oblike (umivaonici, sudopere, kade itd). Krajnji proizvodi izrađuju se po porudžbini, prema zahtevima i specifikacijama krajnjih kupaca, a u saradnji sa ovlašćenim partnerima – proizvođačima nameštaja.

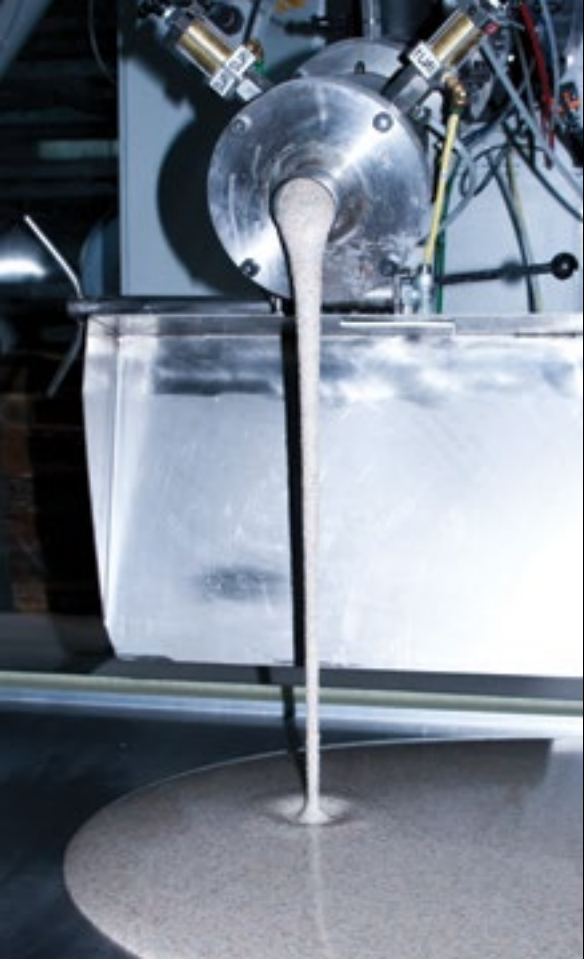
Granmatrix material can be cast in any desired shape and has many possible applications in both interior and exterior design. Metalac Inko Ltd makes panels in various sizes and thicknesses and other shapes like sinks, washbasins, bath tubs... A final product is custom made upon requirements and specifications of end users, in cooperation with authorized partners – furniture manufacturers.

IZRADA PO MERI - skoro neograničene mogućnosti primene u opremanju enterijera rezidencijalnih i poslovnih prostora, prema specijalnim zahtevima i projektima arhitekata i dizajnera.

CUSTOM MADE APPROACH - almost unlimited possibilities of application in interior design of residential and office spaces, according to special requirements and project of architects and designers.



Za više informacija posetite / for more information visit www.granmatrix.com





KUHINJE

Radne ploče, sudopere, kuhinjska ostrva, trpezarijski stolovi...

KITCHENS

Monoblock kitchen tops and sinks, kitchen islands, dining tables...



Monoblok izgled, odnosno neprimetnost spojeva i utisak da je kuhinjska ploča izlivena iz komada.

Monoblock appearance – invisibility of joints and the impression that the kitchen worktop is cast from a single piece of material.





Potpuna **inertnost materijala** garantuje sigurnost u pripremanju hrane i visok nivo higijene.

Complete **inertness of the material** guarantees safety in food preparation and high hygiene level.





Neograničene mogućnosti dizajna - potpuna sloboda u oblikovanju radnih ploča, uz praktično neograničenu paletu boja.

Unlimited design possibilities – complete freedom in designing worktops, with virtually unlimited color palette.





Glatka, neporozna površina i neprimetnost spojeva čine materijal jednostavnim za održavanje i čišćenje.

Smooth, non-porous surfaces and invisibility of joints allow easy maintenance and cleaning.





Uobičajene hemikalije koje se koriste u kuhinja-
ma **ne mogu izazvati oštećenja.**

Common chemicals used in kitchens **cannot
cause damage.**





KUPATILA / TOALETI

Umivaonici, monoblok tuš kabine i kade, panelno pokrivanje zidova...

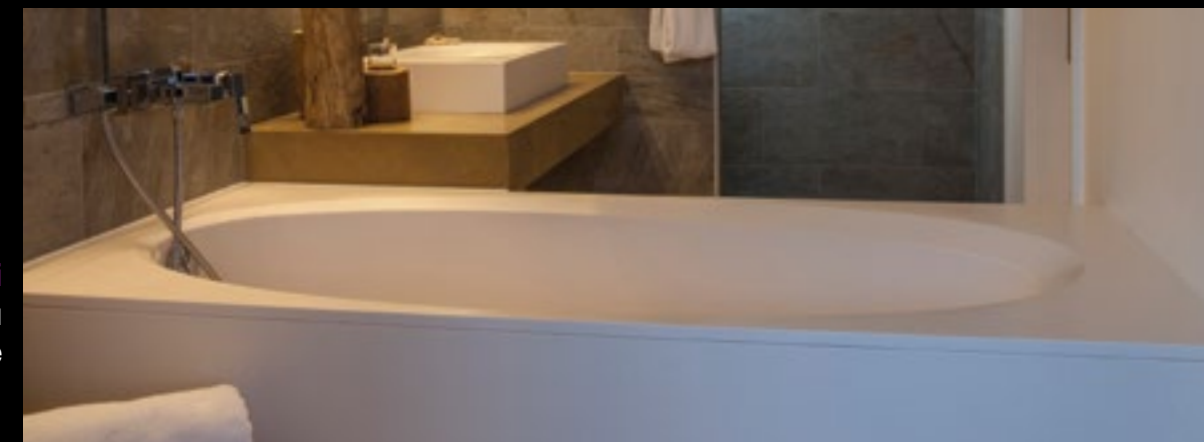
BATHROOMS / TOILETS

Integral washbasins, monoblock shower booths or bath tubs, cover panels instead of ceramic tiles....



Zahvaljujući **neporoznoj površini i otpornosti na vodu**, Granmatrix je idealan za upotrebu u kupatilima i može da podnese svakodnevne uslove visoke vlage.

Thanks to its **non-porous surface and water resistance**, Granmatrix is ideal for use in bathrooms and may be submitted to everyday conditions of high humidity.





Glatka površina i prijatan osećaj na dodir pružaju izuzetno zadovoljstvo u svakodnevnom korišćenju.



The smooth surface and a pleasant feeling to the touch provide great satisfaction in everyday use.





U beloj ili u boji koju poželite - skoro su neograničene mogućnosti za dizajn.

White or any colour you want – design possibilities are almost limitless.





RESTORANI / LOKALI / HOTELI

Šankovi, pultovi, radne ploče u restoranima...

RESTAURANTS / SHOPS / HOTELS

Worktops in restaurants, counters, bars...



Higijenska svojstva Granmatrix-a čine ga pogodnim za upotrebu na javnim mestima.

Hygienic properties of Granmatrix make it suitable for use in public places.





Reparabilnost materijala omogućava da proizvod, koji je godinama bio u upotrebi, može ponovo izgledati kao nov.



Thanks to this unique property, a product, which has been in use for years, can once again look like new.





Granmatrix je materijal koji je po svim prese-cima jednakog kvaliteta, sastava, boje i de-zena, tako da se bilo kakva oštećenja mogu lako popraviti.

Granmatrix is a material that is equal in all sections in terms of quality, composition, colour and pattern; this means that any damage can be easily repaired.

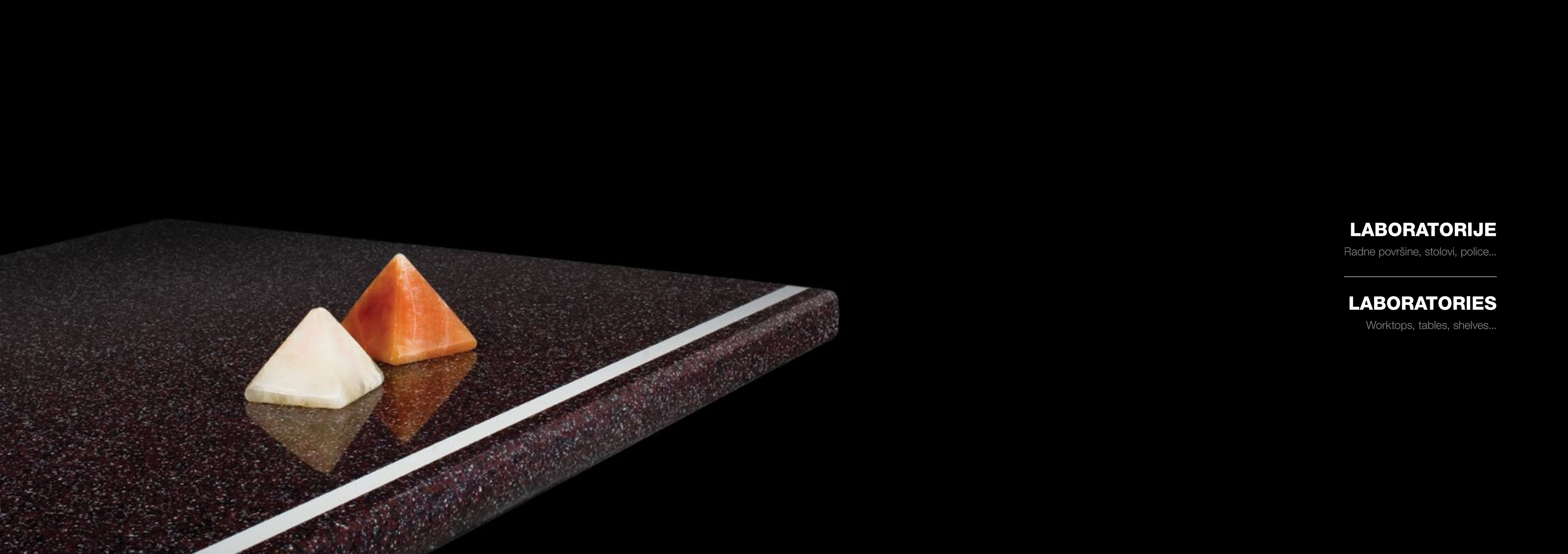




Visoko prometna mesta i svakodnevna intenzivna upotreba zahtevaju *izdržljiv materijal*.

High traffic public places and intensive daily use require *durable product*.





LABORATORIJE

Radne površine, stolovi, police...

LABORATORIES

Worktops, tables, shelves...



Granmatrix je **otporan** na agresivne hemikalije, što omogućuje njegovu primenu u laboratorijama.

Takođe Granmatrix je otporan na visoke temperature i do 180 °C.

Granmatrix is **resistant** to aggressive chemicals, which enables its use in laboratories.

Also, Granmatrix is resistant to high temperatures up to 180 °C.





NAMEŠTAJ

Hoteli, restorani, domovi, eksterijer...

FURNITURE

Hotels, restaurants, residential buildings, exterior...



Hotel Gare de l'Est - ASA



Dizajn / Design: (Zsófia Varnagy)



Realizacija / Realization: (DMP)

Photo © Luc Boegly



Izuzetne osobine Granmatrix kompozitnog materijala svoj puni izraz mogu naći u opremanju enterijera, kako domova, tako i javnih objekata. Zahvaljujući neograničenim mogućnostima oblikovanja, kao i širokoj paleti boja, neograničene su i mogućnosti dizajnerskih rešenja za opremanje unutrašnjeg prostora.

Granmatrix is a material with thermoforming properties – it can be heated and bent into different three-dimensional shapes, which further contributes to great possibilities in interior design – tables, lamps, shelves, bathroom furniture...





POTPROZORNICI

Rezidencijalni i poslovni prostori...

WINDOW SILLS

Residential and business spaces...



Granmatrix je otporan na atmosferske uticaje i UV zrake, tako da se može koristiti i za izradu potprozornika za spoljašnju, kao i za unutrašnju primenu.

Granmatrix is resistant to weathering and UV rays, so it can be used for window sills in both indoor and outdoor use.





Potprozornici se izrađuju po meri, a moguće su različite kombinacije oblika i boja.



Window sills are made to measure and are available in different combinations of shapes and colors.





SLOBODNE FORME

Neograničene mogućnosti...

FREE FORMS

Infinite possibilities...



Granmatrix omogućava dizajnerima, arhitektama i enterijeristima *slobodu u kreiranju*. Skoro sve što se zamisli moguće je izvesti, bilo da su u pitanju nepravilni oblici, kombinacije sa drugim materijalima, igre svetlosti i boja itd.



Granmatrix offers designers, architects and interior designers great opportunities and *freedom in creation*. Almost everything imaginable is possible to perform - in terms of irregular shapes, different color combinations, combinations with other materials etc.



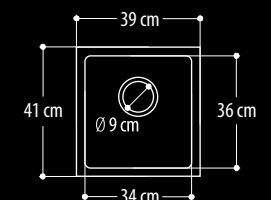
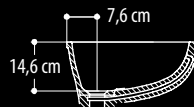
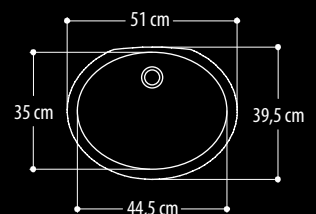
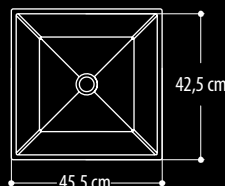
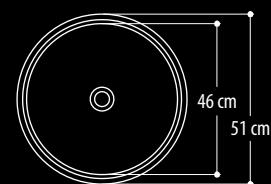
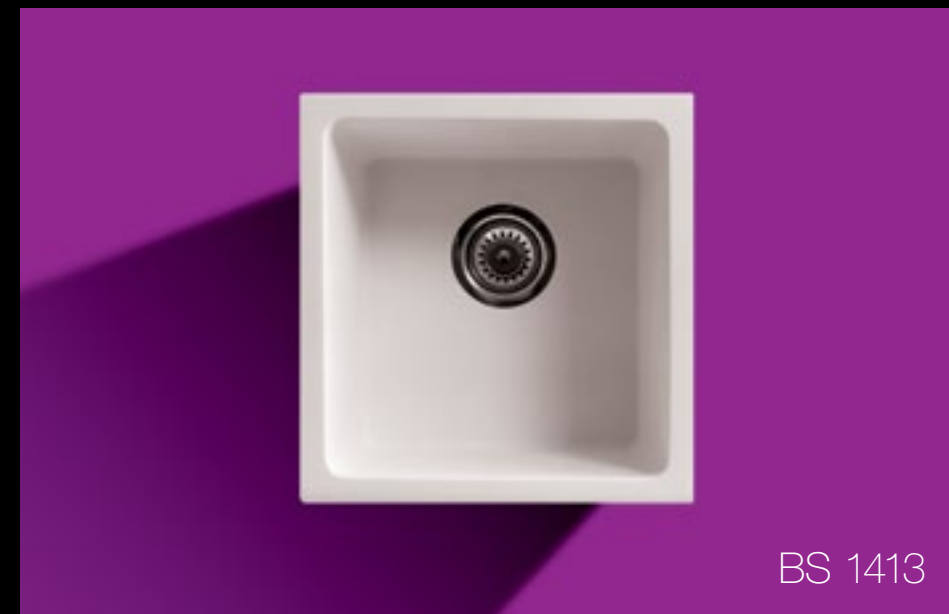
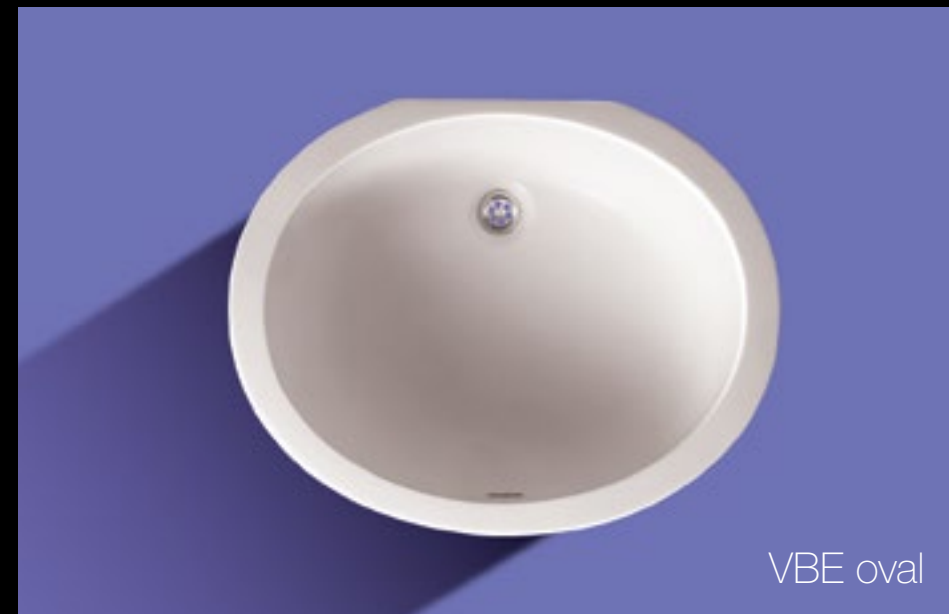
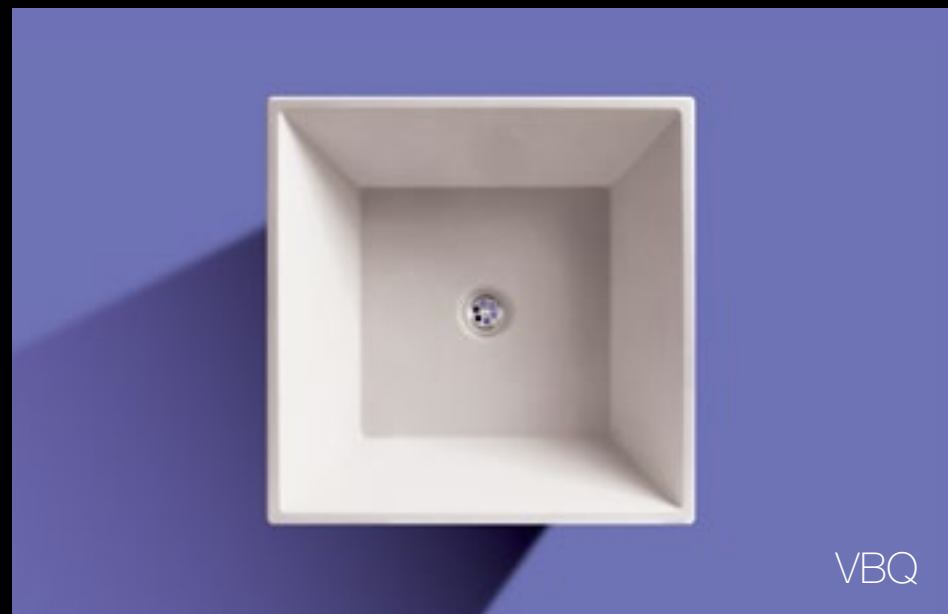


SUDOPERE I UMIVAONICI

Kvalitet i komfor...

SINKS AND WASHBASINS

Quality and comfort...



Spoljne dimenzije: Ø 510 mm
Dubina korita: 155 mm
Otvor sifona: Ø 60 mm

Outer dimensions: Ø 510 mm
Bowl depth: 155 mm
Syphon: Ø 60 mm

Spoljne dimenzije: 455x455 mm
Dubina korita: 134 mm
Otvor sifona: Ø 60 mm

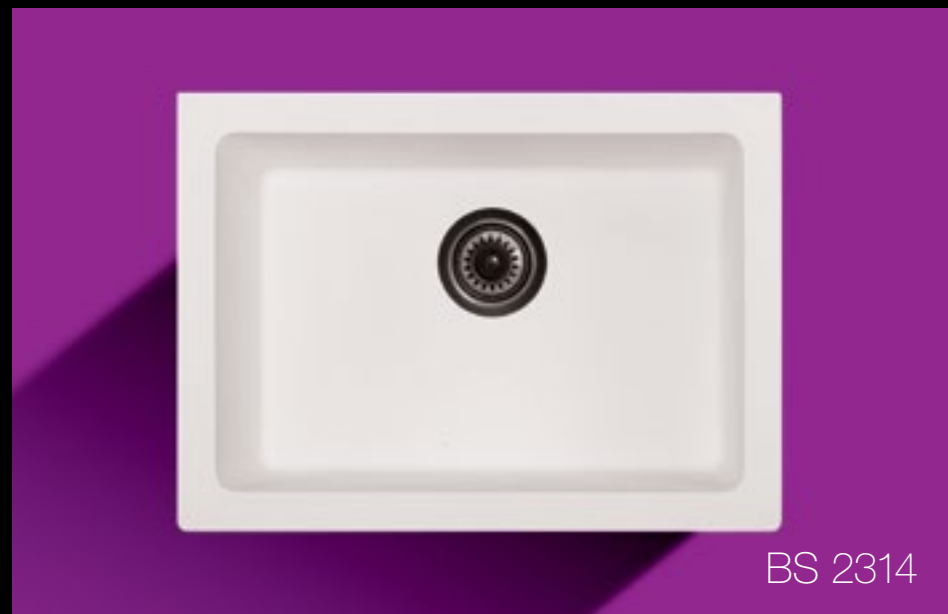
Outer dimensions: 455x455 mm
Bowl depth: 134 mm
Syphon: Ø 60 mm

Spoljne dimenzije: 510x395 mm
Dubina korita: 146 mm
Otvor sifona: Ø 60 mm

Outer dimensions: 510x395 mm
Bowl depth: 146 mm
Syphon: Ø 60 mm

Spoljne dimenzije: 390x410 mm
Dubina korita: 200 mm
Otvor sifona: Ø 90 mm

Outer dimensions: 390x410 mm
Bowl depth: 200 mm
Syphon: Ø 90 mm



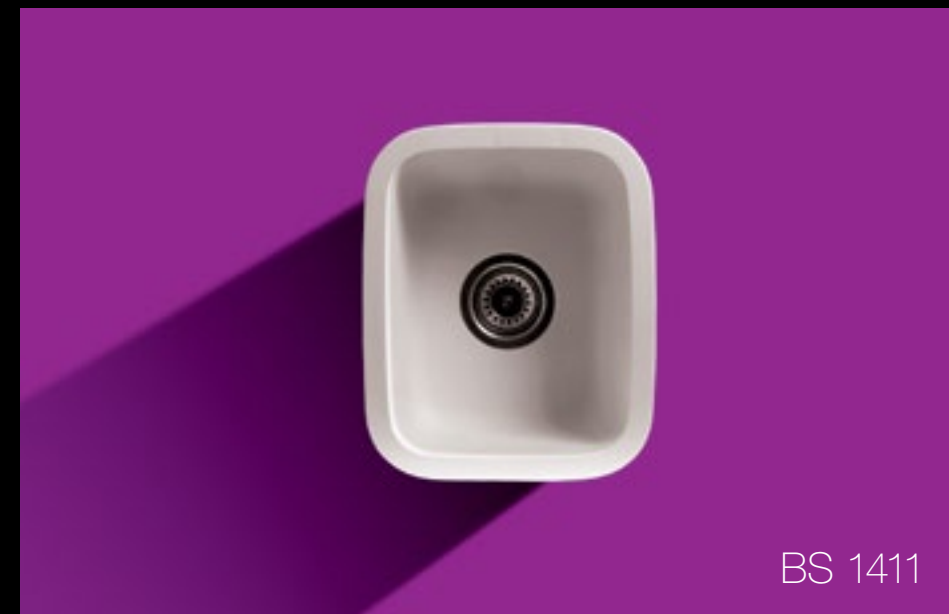
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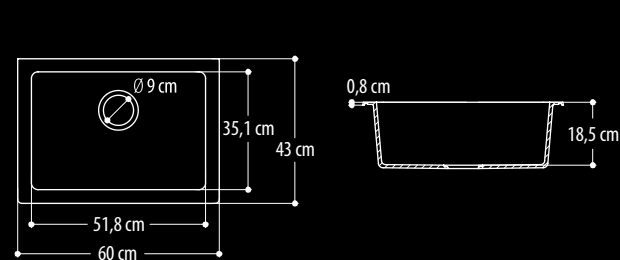
BSR 16



BS 1206

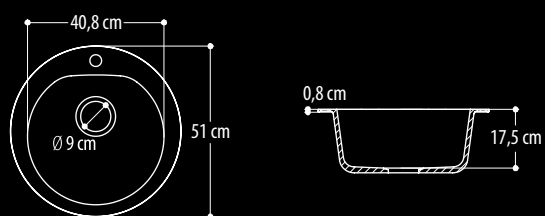


BS 1411



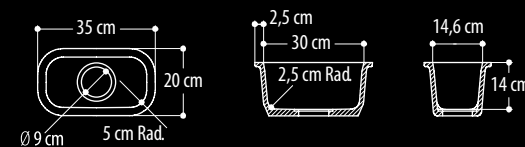
Spoljne dimenzije: 600x430 mm
Dubina korita: 185 mm
Otvor sifona: Ø 90 mm

Outer dimensions: 600x430 mm
Bowl depth: 185 mm
Syphon: Ø 90 mm



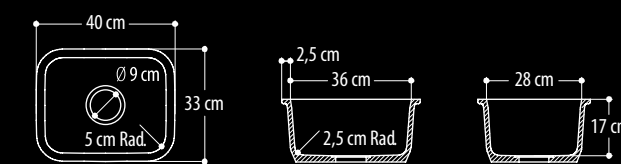
Spoljne dimenzije: Ø 510 mm
Dubina korita: 175 mm
Otvor sifona: Ø 90 mm

Outer dimensions: Ø 510 mm
Bowl depth: 175 mm
Syphon: Ø 90 mm



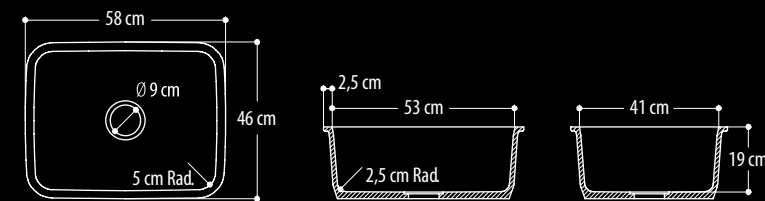
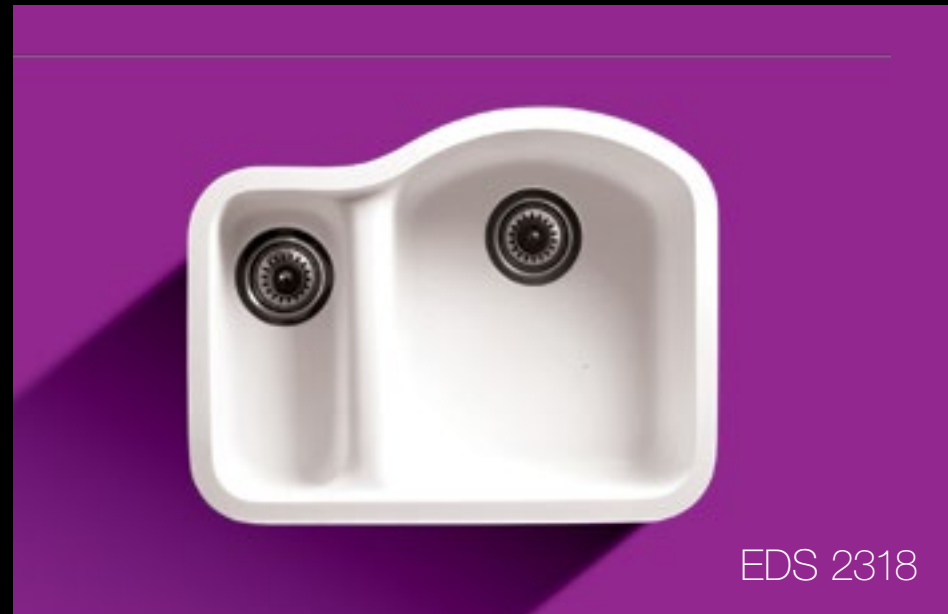
Spoljne dimenzije: 350x200 mm
Dubina korita: 140 mm
Otvor sifona: Ø 90 mm

Outer dimensions: 350x200 mm
Bowl depth: 140 mm
Syphon: Ø 90 mm



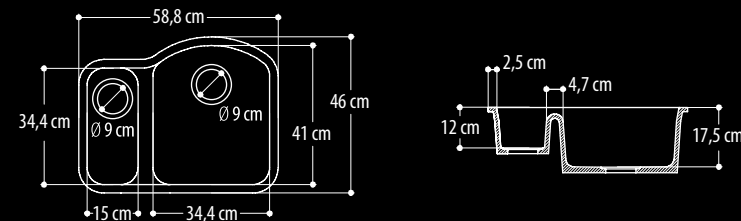
Spoljne dimenzije: 400x330 mm
Dubina korita: 170 mm
Otvor sifona: Ø 90 mm

Outer dimensions: 400x330 mm
Bowl depth: 170 mm
Syphon: Ø 90 mm



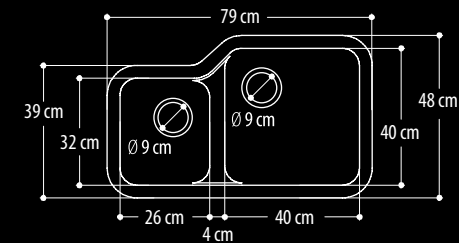
Spoljne dimenzije: 580x460 mm
 Dubina korita: 190 mm
 Otvor sifona: Ø 90 mm

Outer dimensions: 580x460 mm
 Bowl depth: 190 mm
 Syphon: Ø 90 mm



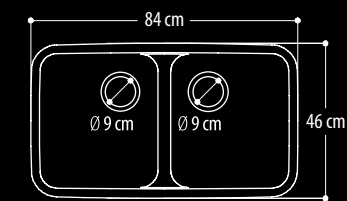
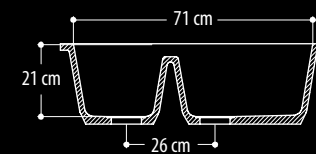
Spoljne dimenzije: 588x460 mm
 Dubina korita: 175/120 mm
 Otvor sifona: Ø 90 mm

Outer dimensions: 588x460 mm
 Bowl depth: 175/120 mm
 Syphon: Ø 90 mm



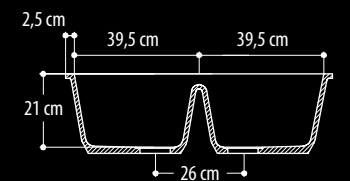
Spoljne dimenzije: 790x480 mm
 Dubina korita: 210/210 mm
 Otvor sifona: Ø 90 mm

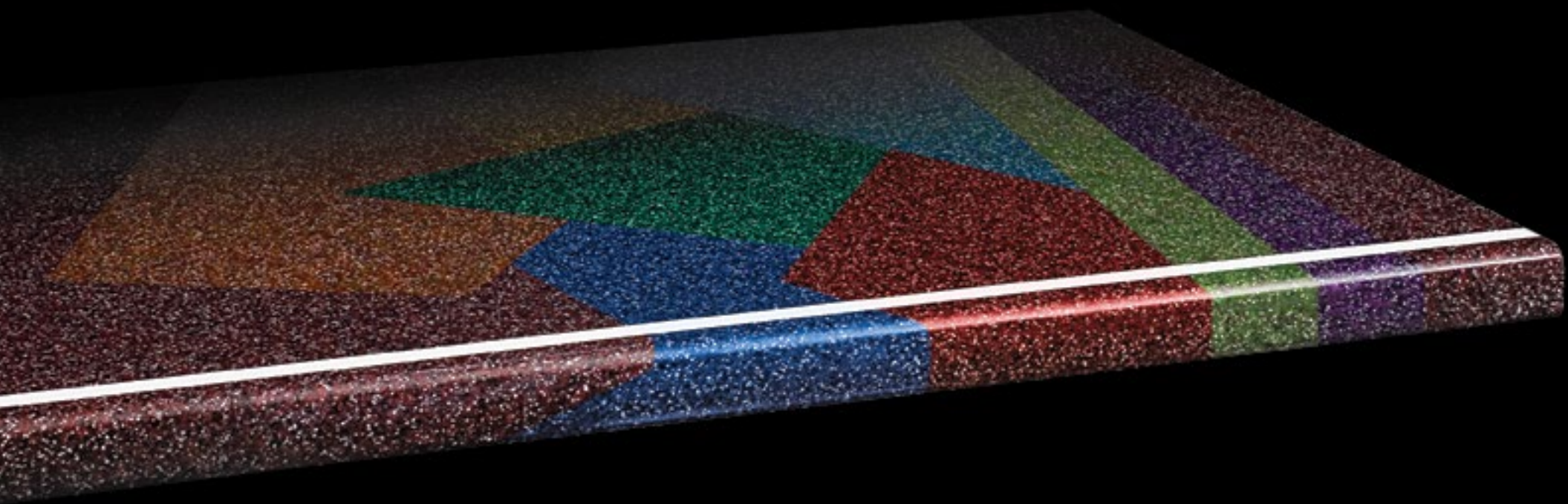
Outer dimensions: 790x480 mm
 Bowl depth: 210/210 mm
 Syphon: Ø 90 mm



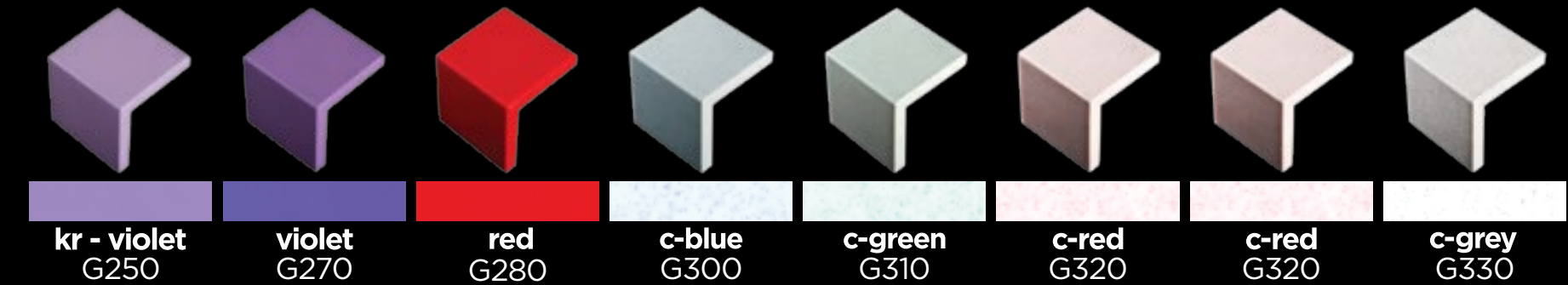
Spoljne dimenzije: 840x460 mm
 Dubina korita: 210/210 mm
 Otvor sifona: Ø 90 mm

Outer dimensions: 840x460 mm
 Bowl depth: 210/210 mm
 Syphon: Ø 90 mm





PALETA BOJA / COLOUR PALETTE





Kneza Aleksandra 212
32300 Gornji Milanovac
SRBIJA

T. +381 (0)32 770 341, 770 407
F. +381 (0)32 725 211
e. inko@metalac.com
W. www.granmatrix.com
www.metalacinko.com

granmatrix
by Metalac

www.granmatrix.com