

Made in
ITALY





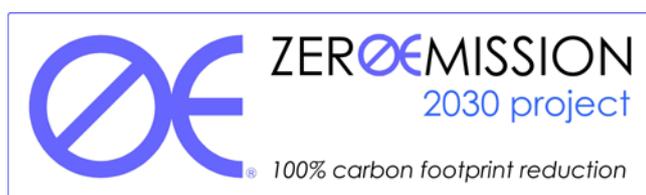
MADE BY NATURE

KERAPLAN® looks to the future aware of the need to provide increasingly high-performance products, suitable for the needs of lab planners and compatible with the environment.

KERAPLAN® is implementing actions to eliminate greenhouse gas emissions by 2030.



Certificate No.: ØE-210928.01-2021-ITA



The quality and safety of our products are recognized and certified.
Our products are the result of the work of a highly professional team.



Top quality

Our certified quality management system complies with the international standard ISO 9001: 2015



The customer core value

Our customers are the pivot around which our business revolves.



Excellent service

All our staff are committed to providing prompt and punctual customer service.



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Our mission is to produce and distribute only high-quality laboratory products, providing excellent services to customers and ensuring certified products at competitive prices.

Customer Centrality: we adopt a strongly market-oriented approach to guarantee to our clients a real added value of our products and services, often exceeding their expectations.

Total Commitment to Quality: we pursue standards of high quality and reliability for all our products, services and processes.

Continuous Innovation: we operate as a dynamic, innovative and creative company, determined to provide cutting-edge solutions to ensure a substantial and differentiated value to our market.



With over 50 years of experience KERAPLAN® is one of the world leading companies in the production of Technical Ceramics for laboratory applications.

Our priority is to offer a high quality product made with modern and environmentally friendly industrial processes.

We respect the request of high quality products, but always with maximum flexibility and availability for the customer.

KERAPLAN® has established a program of production that provides a maximum re-use of wastes, generating only a small percentage of scraps.

All the products created by KERAPLAN® are made of Technical Ceramics, a blend of clay, quartz, feldspar and other natural products, suitably mixed and fired at a temperature of 1220 °C.

Unlike other standard ceramics our acid-proof ceramic has higher density, lower absorption of liquids and a higher resistance



The glazing of our worktops and sinks is specially studied to withstand the aggression of the chemical agents normally used in the laboratory applications.

During the glazing process, colour pigments are sprayed on the surface and, with the heat process at high temperature, they completely blend together with the ceramic surface and crystallize.

Besides the protective function of the surface, the glazing process (in several colors) can also be considered as a beauty treatment of the ceramic products.

UNIFORM COLORS

MIXED COLORS



KER 9010

WHITE



KER 7035

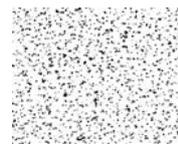
LIGHT
GREY

KER 7004

DARK
GREY

KER 5014

BLUE



KER 9000

BLACK
SPOT

KER 5001

SKY



ADVANTAGES



KERAPLAN® Technical Ceramic worktops are hygienic and easy to clean.

Their glazed surface allows to be easily cleaned mantaining the characteristics of the surface intact.

KERAPLAN® is a totally natural product. It does not release any element into the environment and can be easily recycled in other manufacturing processes.

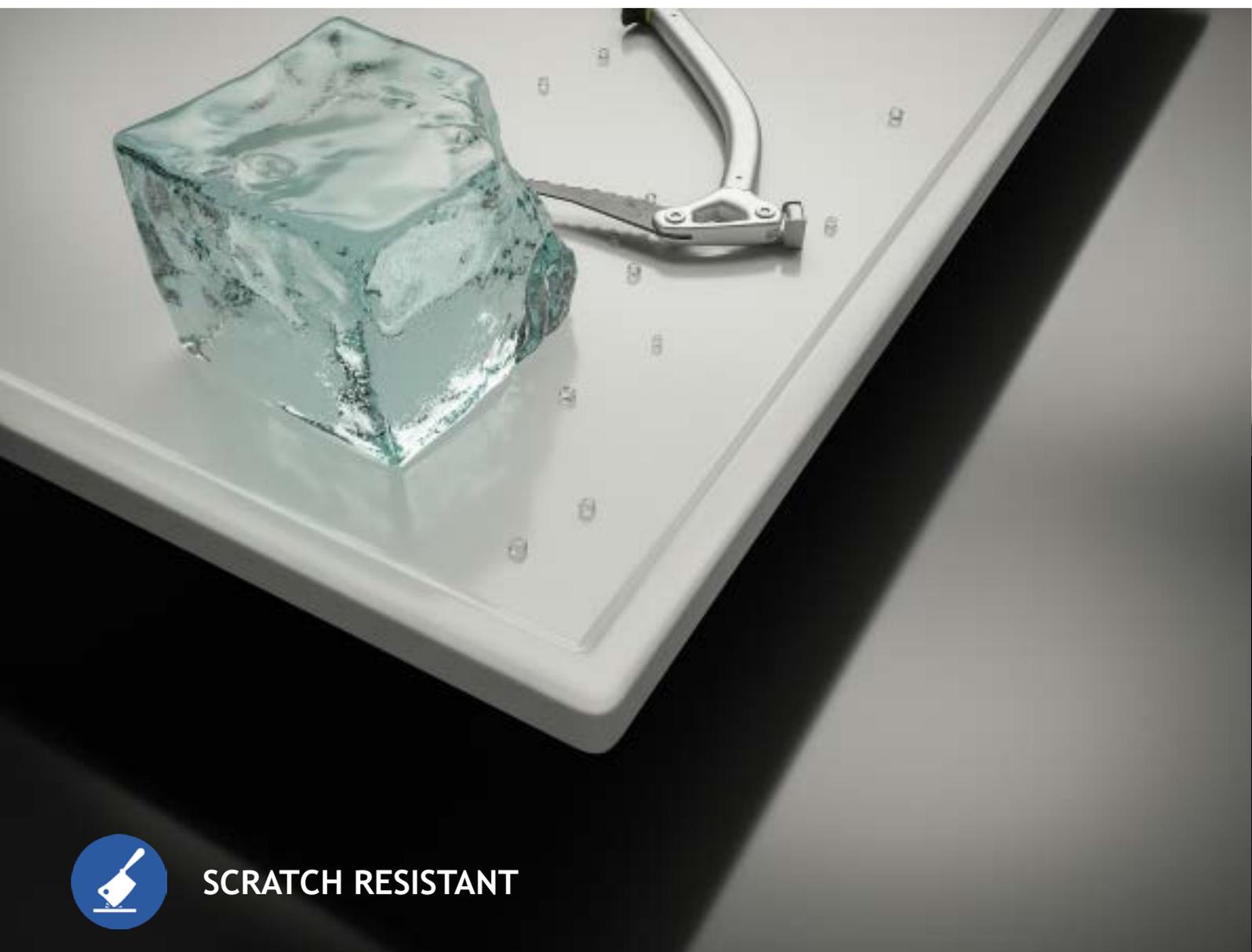


ECO FRIENDLY



EASY TO CLEAN AND MAINTAIN

KERAPLAN® worktops and sinks are made of anti-scratch Technical Ceramic, resistant to scratches and deep abrasion.



SCRATCH RESISTANT

KERAPLAN® resists to organic and inorganic acids and solvents, disinfectants and detergents even at high concentrations, extreme temperatures and long exposure times.

The surface can be easily cleaned without affecting its original characteristics.



RESISTANT TO ALL CHEMICAL PRODUCTS

ADVANTAGES



KERAPLAN® does not contain organic material, therefore it is resistant to fire and high temperatures. In the event of fire it does not emit smoke or toxic substances.

Thanks to an average water absorption of 0.2%, all the KERAPLAN® products are frost resistant and suitable for any weather condition.



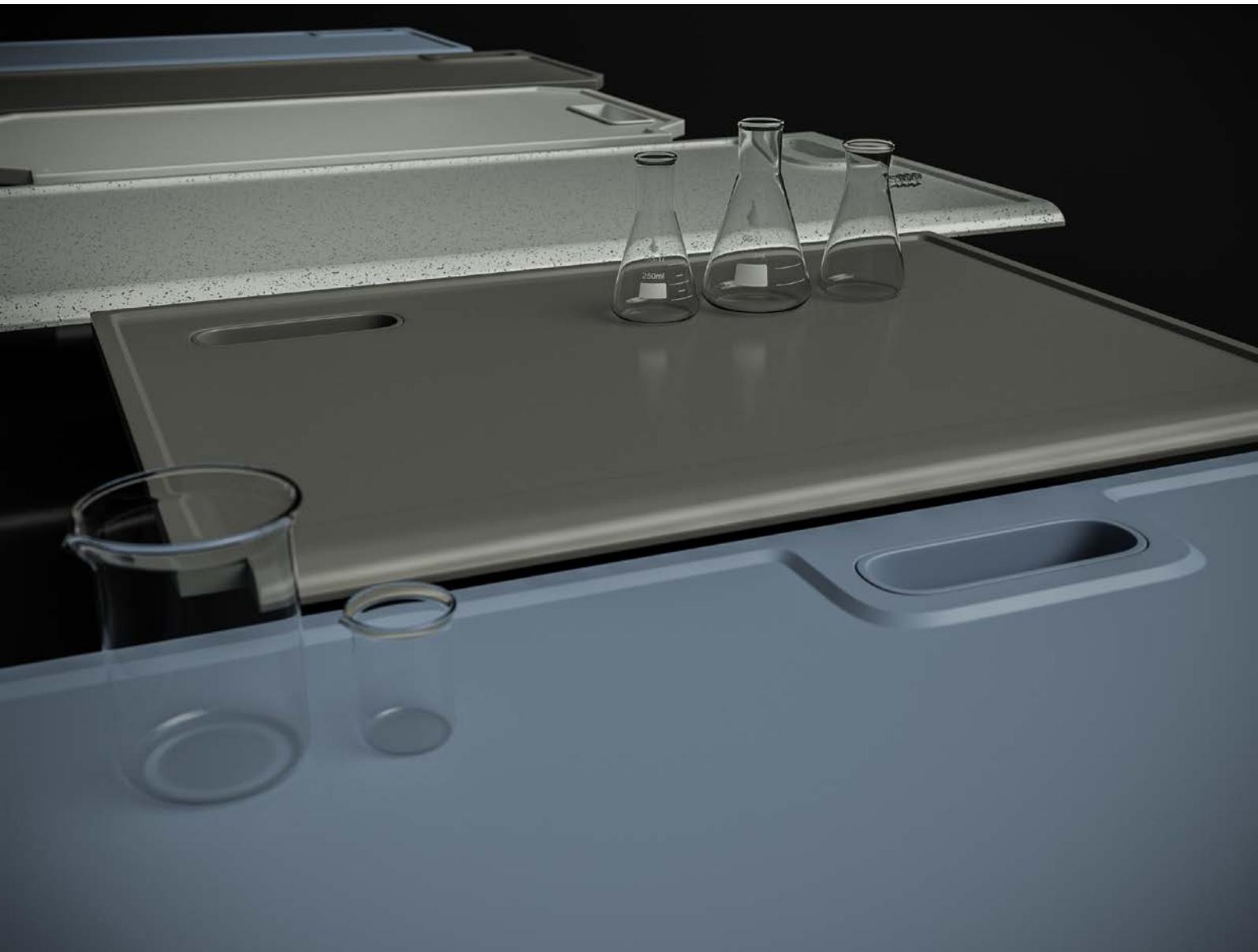
RESISTANT TO THERMAL SHOCK

All information included in this catalog is based on over 50 years of experience. Tests and certificates are performed by accredited and certified laboratories. The fact that it has been on the market for so many years must be considered as an additional proof and a further guarantee of the quality of our products. However, customers and end users have a duty to read and verify all information and recommendations included in this catalog in order to assess whether the properties of our products are correct for their specific needs, if necessary through independent quality testing.

PHYSICAL PROPERTIES	RESULT	UNIT	STANDARD APPLIED
Worktops weight	56	kg/m ²	KR SERIES
Water absorption	0,17	%	UNI EN ISO 10545-3:2000
Hardness	6	Mohs	DIN EN 15771:2010
Crazing resistance	No defects		UNI EN ISO 10545-11:2000
Frost resistance	No defects		UNI EN ISO 10545-12:2000
Wear	Class 2		UNI EN ISO 10545-7:2000
Lead transfer	<0,01	mg/	UNI EN ISO 10545-15:2000
Lead transfer	<0,001	mg/	UNI EN ISO 10545-15:2000
Thermal expansion	4,7		UNI EN ISO 10545-8:2000
Specular gloss	19,1	Gloss	DIN EN ISO 2813

MECHANICAL PROPERTIES	RESULT	UNIT	STANDARD APPLIED
Modulus of rupture	7484	N	UNI EN ISO 10545-4:2000
Impact resistance	No defects		UNI EN ISO 10545-5:2000
Fire reaction	A1		UNI EN 13501-1:-2019

CHEMICAL PROPERTIES	RESULT	UNIT	STANDARD APPLIED
Chemical resistance	No defects		UNI EN ISO 10545-13:2000
Stain resistance	Class 5		UNI EN ISO 10545-14:2000



All the tests are performed according to “SEFA 3-2010 Recommended Practices For Laboratory Work Surfaces”, a special procedure indicated by SEFA (Scientific Equipment and Furniture Association).

Samples are washed with detergent before testing. Test results are displayed as follow:

0 / No Effect: no detectable changes of the surface.

1 / Excellent: slight detectable changes in color or gloss, but no change in the functionality of the surface.

2 / Good: clearly discernible changes in color or gloss, but no significant impairment of surface or its functionality.

3 / Fair: changes objectively visible due to abrasion or discoloration can result in damage to the surface.

TEST	CHEMICAL REAGENT	METHOD	EVALUATION
1	Acetate amyl	A	0
2	Acetate ethyl	A	0
3	Acetic acid 98%	B	0
4	Acetone	A	0
5	Acido dichromate 5%	B	0
6	Alcohol butyl	A	0
7	Alcohol ethyl	A	0
8	Alcohol methyl	A	0
9	Ammonium hydroxide 28%	B	0
10	Benzene	A	0
11	Carbon tetrachloride	A	0
12	Chloroform	A	0
13	Chromic acid 60%	B	0
14	Cresol	A	0
15	Dichloroacetic acid	A	0
16	Dimethylformamide	A	0

TEST	CHEMICAL REAGENT	METHOD	EVALUATION
17	Dioxane	A	0
18	Ethyl ether	A	0
19	Formaldehyde 37%	A	0
20	Formic acid 90%	B	0
21	Furfural	A	0
22	Gasoline	A	0
23	Hydrofluoric acid 37%	B	0
24	Hydrofluoric acid 48%	B	0
25	Hydrogen peroxide 30%	B	0
26	Iodine tincture	B	0
27	Methyl ethyl ketone	A	0
28	Methylene chloride	A	0
29	Monochlorobenzene	A	0
30	Naftalene	A	0
31	Nitric acid 20%	B	0
32	Nitric acid 30%	B	0
33	Nitric acid 70%	B	0
34	Phenol 90%	A	0
35	Phosphoric acid 85%	B	0
36	Silver nitrate saturated	B	0
37	Sodium hydroxide 10%	B	0
38	Sodium hydroxide 20%	B	0
39	Sodium hydroxide 40%	B	0
40	Sodium hydroxide flake	B	0
41	Sodium sulfide saturated flake	B	0
42	Sulfuric acid 33%	B	0
43	Sulfuric acid 77%	B	0

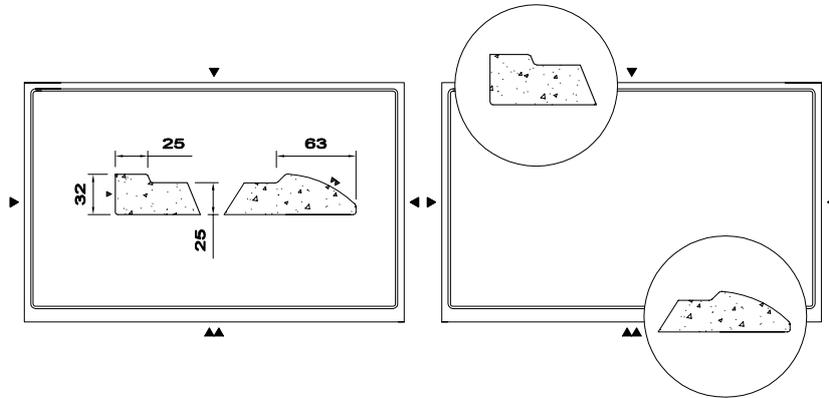
TEST	CHEMICAL REAGENT	METHOD	EVALUATION
44	Sulfuric acid 96%	B	0
45	Sulfuric acid 77%+Nitric acid 70% equal parts	B	0
46	Toluene	A	0
47	Trichloroethylene	A	0
48	Xylene	A	0
49	Zinc chloride, saturated	B	0



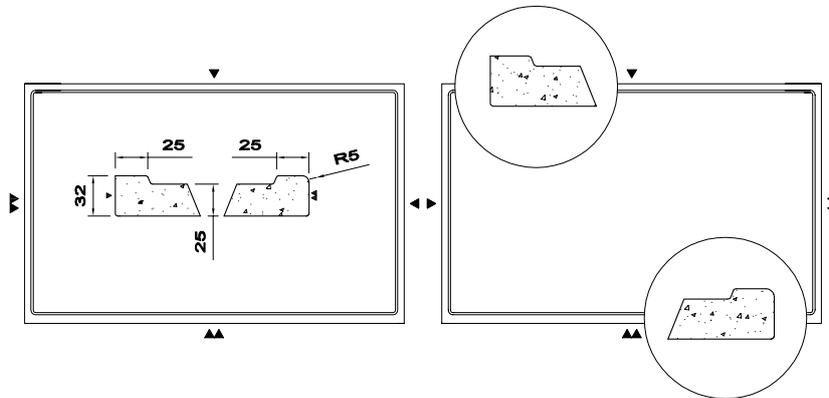
We reserve the right to make technical changes.

KERAPLAN® offers different solutions for making laboratory benches.

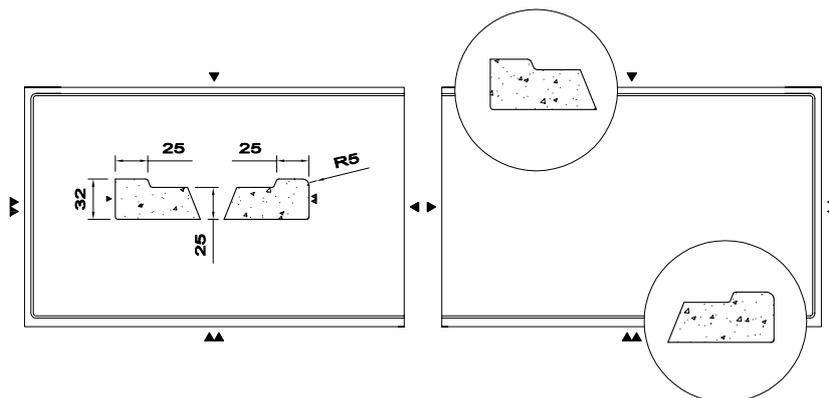
NR SERIES / fume cupboard worktops



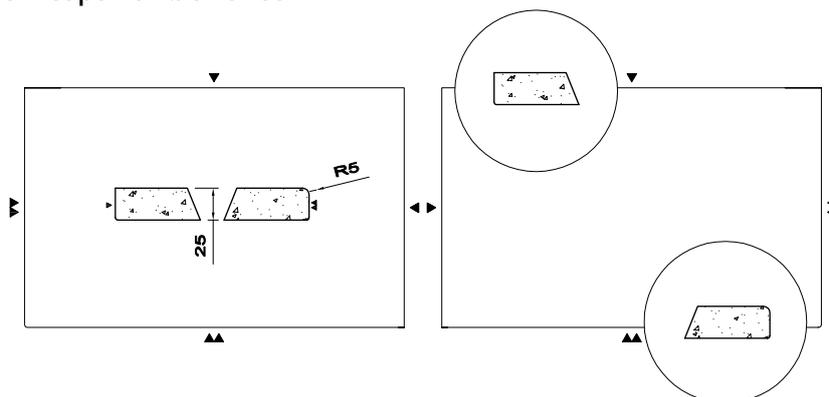
KR SERIES / marine edge worktops for benches



PR SERIES / marine edge worktops for benches



MR SERIES / flat worktops for benches



The NR SERIES includes a wide range of surfaces specially designed to be used in the fume cupboard cabinets.

The frontal glazed profiles can have different shapes, from the standard marine edge used for laboratory benches (see the KR SERIES) to the more sophisticated edges with specific aerodynamic profiles. The aerodynamic profiles can be created to perfectly fit inside the fume hood structure, favouring the air flow inside the fumecup.



Dimensions available from 600x600 mm to 1800x900 mm

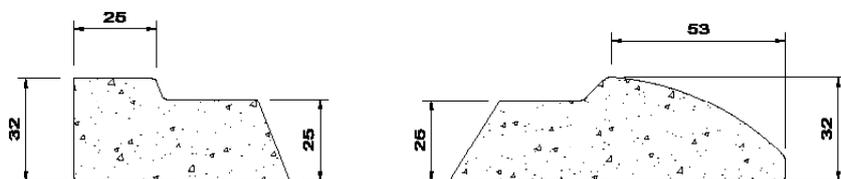
Nominal Thickness 32/25 mm

Weight 56 kg/m²

Our main fume cupboard surfaces have different layouts, dimensions and solutions, with or without drip cups or sinks.

The drip cup cut-outs can be placed inside the marine edge frame or on a raised edge, to avoid contamination of liquids.

NR SERIES edge detail





In addition to the already countless layouts available, KERAPLAN® offers the possibility to create worktops for fume hoods on demand, based on the technical requirements and specifications of the customer.



The KR SERIES includes modular worktops with raised edges on the four sides with a nominal thickness of mm 32/25 (mm 32 on the edges and mm 25 inside the working space).

Tradition, safety, functionality and resistance are just some of the features that identify this range of laboratory bench surfaces.

The KR SERIES is available in different depths and lengths to meet the needs of the most demanding customers.

The marine edges all around are properly studied and designed to avoid contamination of liquids and to prove security and ease of clean at the end of the workday.

Dimensions available:

from 600x600 mm to 1800x900 mm

Nominal Thickness 32/25 mm

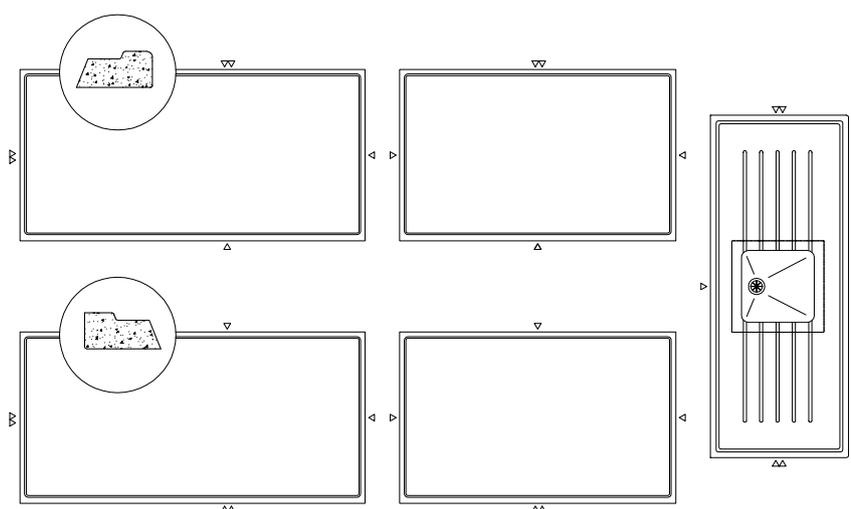
Weight 56 kg/m²

Possibility to insert apertures for drip cups, sinks, fitting holes and KERAPLAN® machining.



CODE	DIMENSIONS mm	WEIGHT kg	m ²
KR0600750	600 x 750 x 25/32	25,2	0,450
KR0750750	750 x 750 x 25/32	31,5	0,563
KR0900750	900 x 750 x 25/32	37,8	0,675
KR1200750	1200 x 750 x 25/32	50,4	0,900
KR1500750	1500 x 750 x 25/32	63,0	1,125
KR1800750	1800 x 750 x 25/32	75,6	1,350
KR2000750	2000 x 750 x 25/32	84,0	1,500

Worktop sizes available from 600x600 to 2000x750 and 1800x900 mm

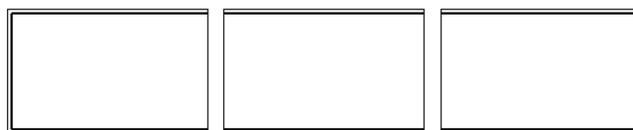


The PR SERIES is a derivative of the KR SERIES and is studied to create larger-sized workbenches. Combining the KR SERIES worktops is possible to create wall benches and island benches with no limits of length and without raised edges between the worktops. The raised edges will only be along the perimeter of the bench.

P20 / Front, rear and right edges.

P30 / Front, rear and left edges.

P40 / Front and rear edges.



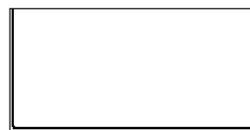
P50 / Front and right edges.

P60 / Front and left edges.

P70 / Front edge.



P80 / Front, left and right edges.



MR SERIES | FLAT WORKTOPS



The MR SERIES, always made of our special acid-proof ceramic, is a wide series of flat surfaces created without marine edges around.

MR SERIES DIMENSIONS

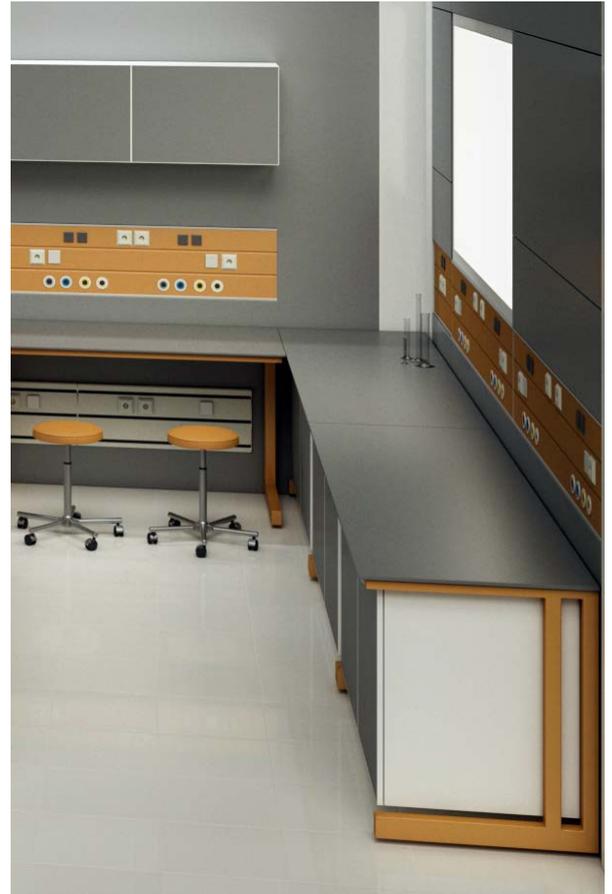
Dimensions available:

from 600x600 mm to 1800x900 mm

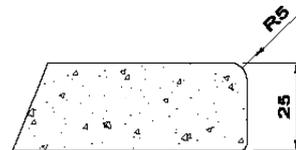
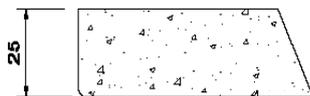
Nominal Thickness 25 mm

Weight 53 kg/m²

Possibility to insert apertures for drip cups and sink, fitting holes and KERAPLANd machining

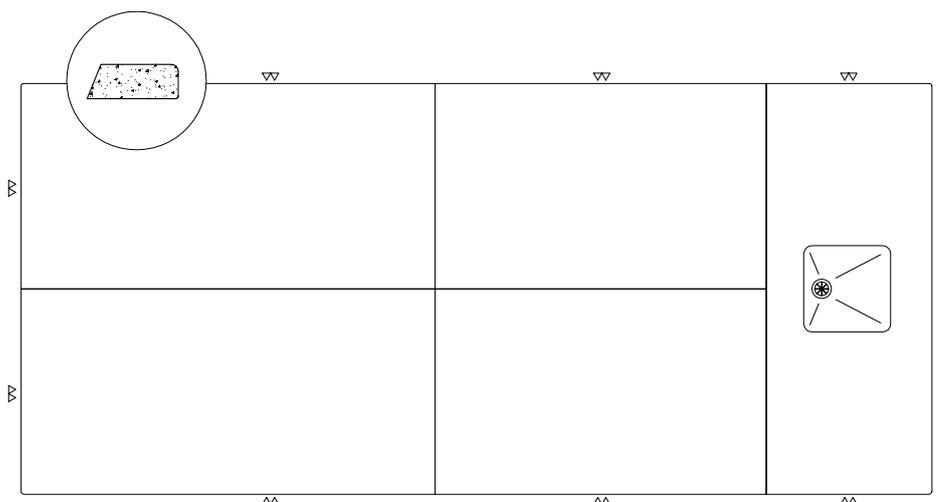


MR SERIES edge detail



CODE	DIMENSIONS mm	WEIGHT kg	m ²
MR0600750	600 x 750 x 25	23,9	0,450
MR0750750	750 x 750 x 25	29,8	0,563
MR0900750	900 x 750 x 25	35,8	0,675
MR1200750	1200 x 750 x 25	47,7	0,900
MR1500750	1500 x 750 x 25	59,6	1,125
MR1800750	1800 x 750 x 25	71,6	1,350
MR2000750	2000 x 750 x 25	79,5	1,500

Worktop sizes available from 600x600 to 2000x750 and 1800x900 mm



KERAPLAN® provides to supply a wide range of drip cups and sinks made of Technical Ceramics and polypropylene, ideal for laboratory benchtops.

The V10 SERIES is composed by drip cups and sinks in different shapes and dimensions to meet the main requirements of the customers. All the V10 products are supplied with universal polypropylene accessories as fitting waste with a 1½“ screw, stopper and standing pipe (only for sinks).

Installation options:

- VS SERIES / under mounted drip cups and sinks
- VI SERIES / flush mounted drip cups and sinks for tiles benchtops
- VT SERIES / top mounted drip cups and sinks
- VQ SERIES / quick mounted drip cups and sinks
- VP SERIES / polypropylene drip cups

All the drip cups and sinks included in the V10 SERIES are designed to be used not only with acid-proof Technical Ceramic surfaces but also with tops made of other materials like EPOXY, FUNDERMAX® HPL or TRESPA® HPL.



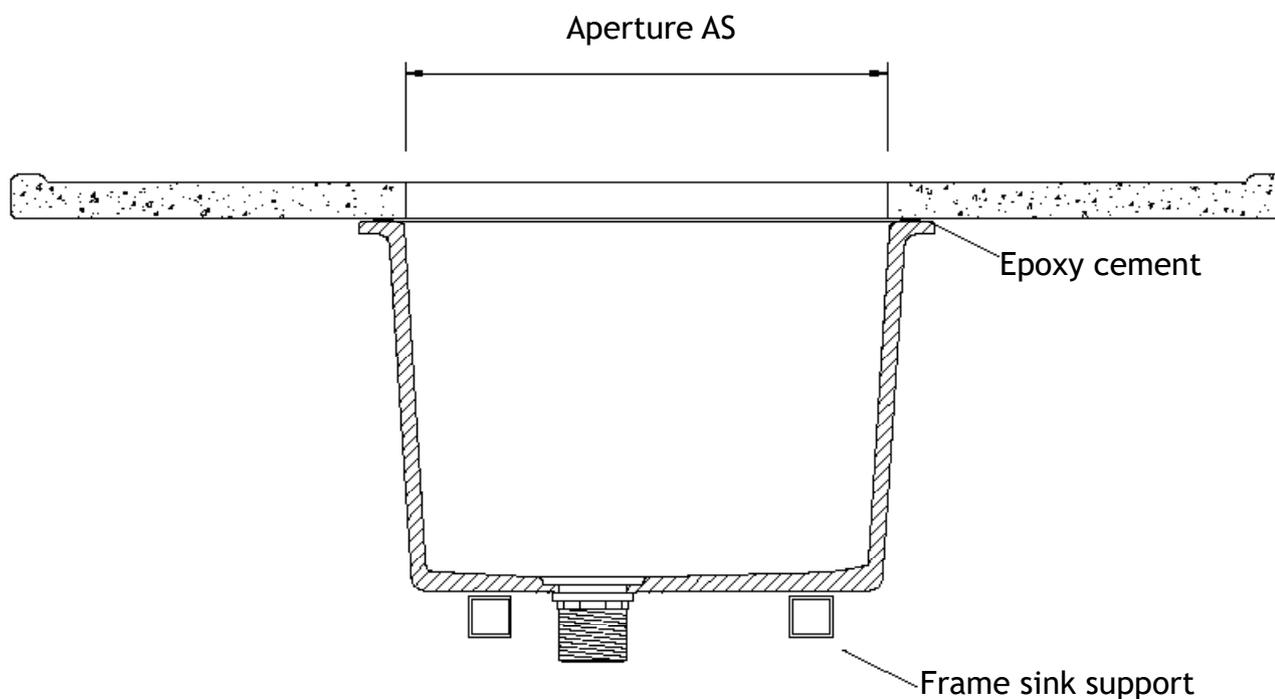
To guarantee high resistance and stability, all the sinks should be supported under the structure with metal bars or monopods.

The VS SERIES is composed by a wide number of drip cups and sinks specifically designed to be glued under the acid-proof ceramic surfaces produced by KERAPLAN®. Every single drip cup and sink is associated to a glazed aperture properly created, to ensure a perfect installation.



Sink VS300300 detail

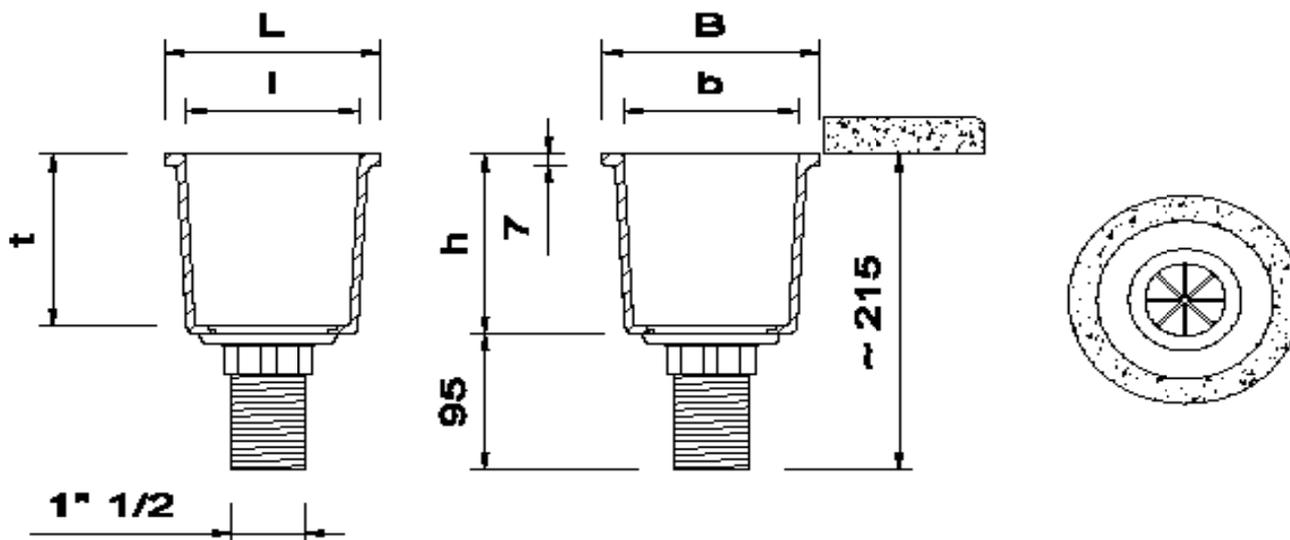
Under mounted sink



DRIP CUPS | VS SERIES UNDER MOUNTED

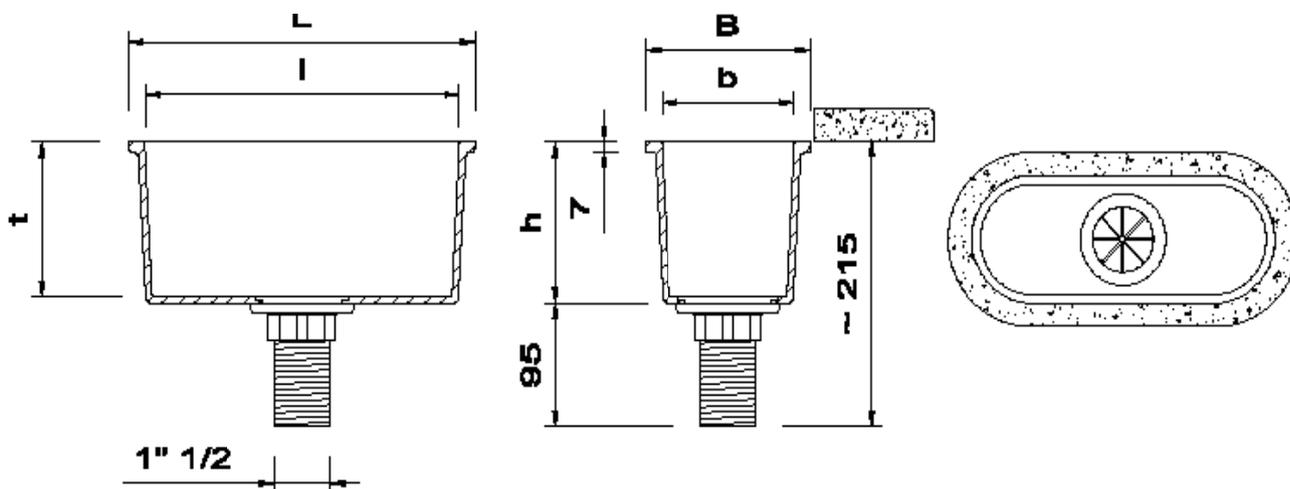


CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS150	Ø 145 x 120	Ø 110 x 110	1,3



DRIP CUPS | VS SERIES UNDER MOUNTED

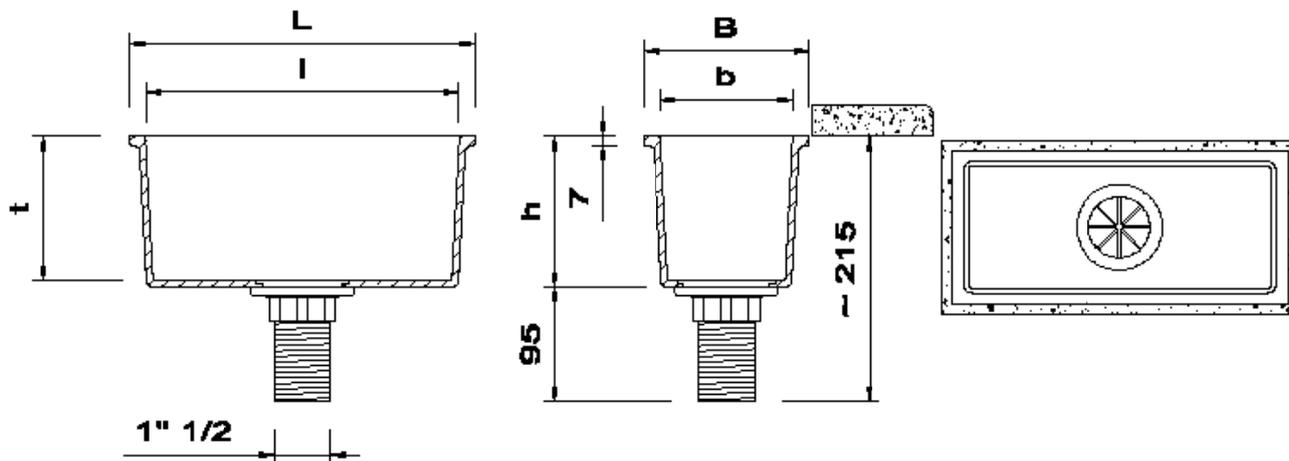
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS280141	288 x 136 x 60	246 x 100 x 50	1,7
VS280140	295 x 140 x 127	250 x 95 x 116	2,5
VS430100	450 x 115 x 110	414 x 76 x 100	4,2



DRIP CUPS | VS SERIES UNDER MOUNTED

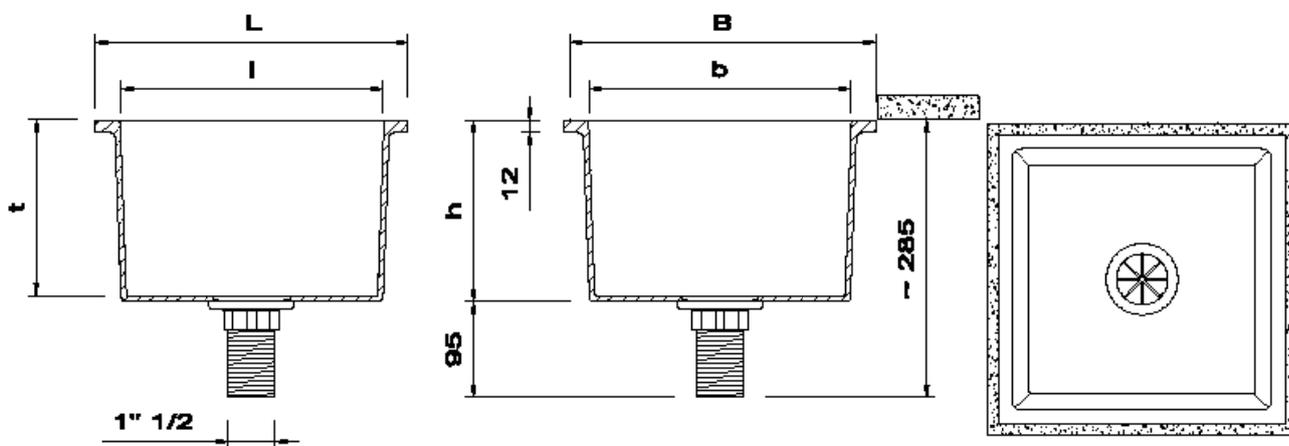


CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS300150	295 x 145 x 120	255 x 115 x 100	2,9



DRIP CUPS | VS SERIES UNDER MOUNTED

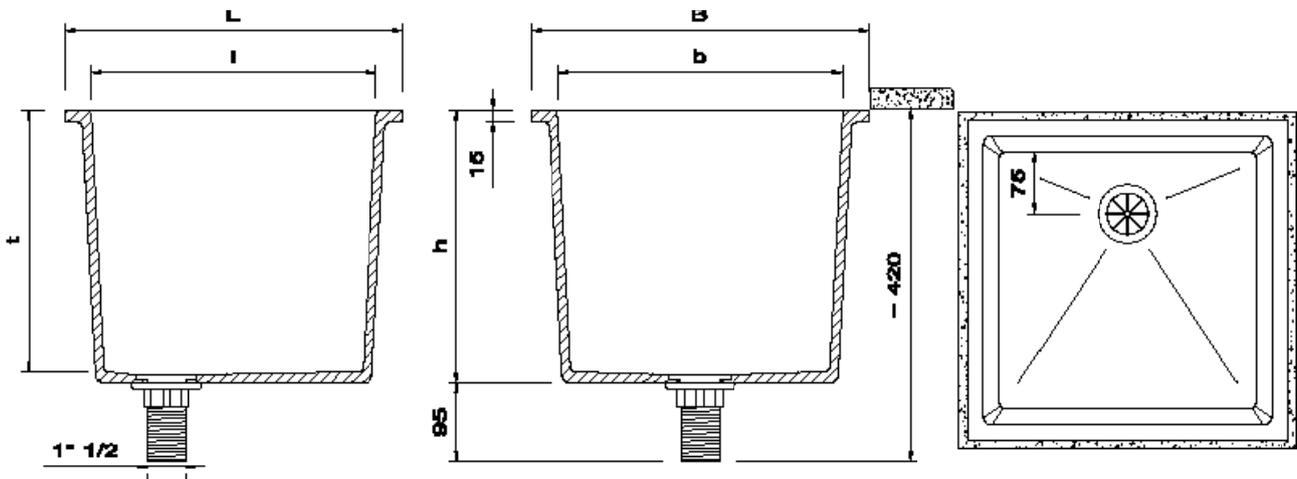
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS300300	310 x 310 x 190	248 x 248 x 170	8,5



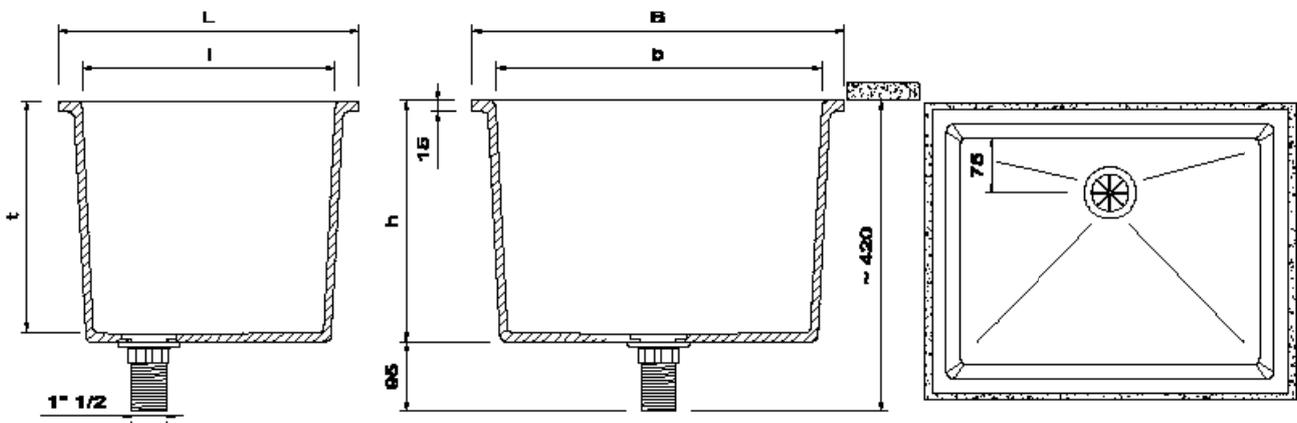
SINKS | VS SERIES UNDER MOUNTED



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS x b x t mm	l	WEIGHT kg
VS400400	410 x 410 x 325	328 x 328 x 310		18,5
VS406406	405 x 405 x 265	340 x 340 x 250		19,0
VS410410	450 x 450 x 220	450 x 450 x 220		18,0
VS450450	450 x 450 x 325	390 x 390 x 310		22,0
VS490490	490 x 490 x 325	425 x 425 x 310		25,0



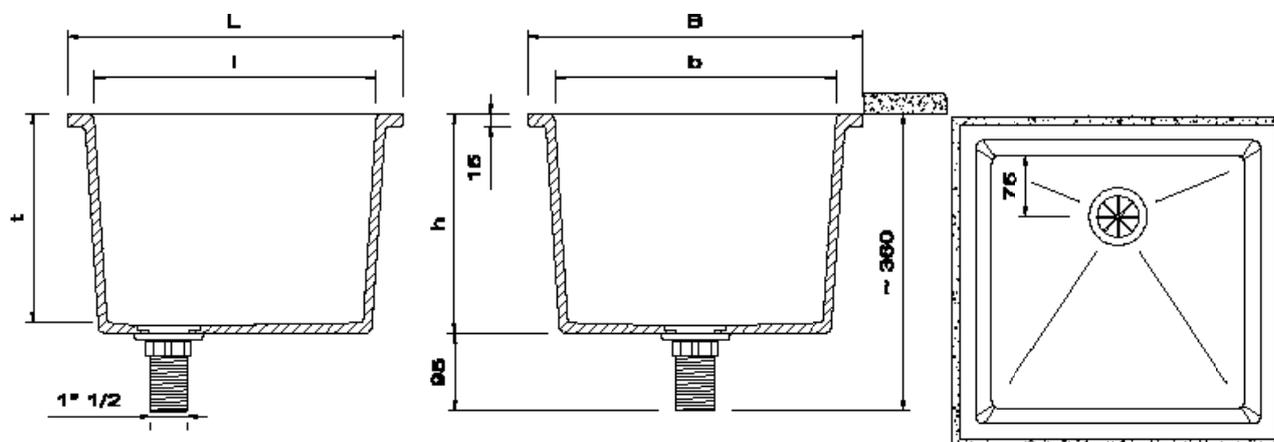
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS500400	505 x 405 x 320	435 x 345 x 310	22,0
VS550450	550 x 450 x 325	485 x 395 x 310	26,0



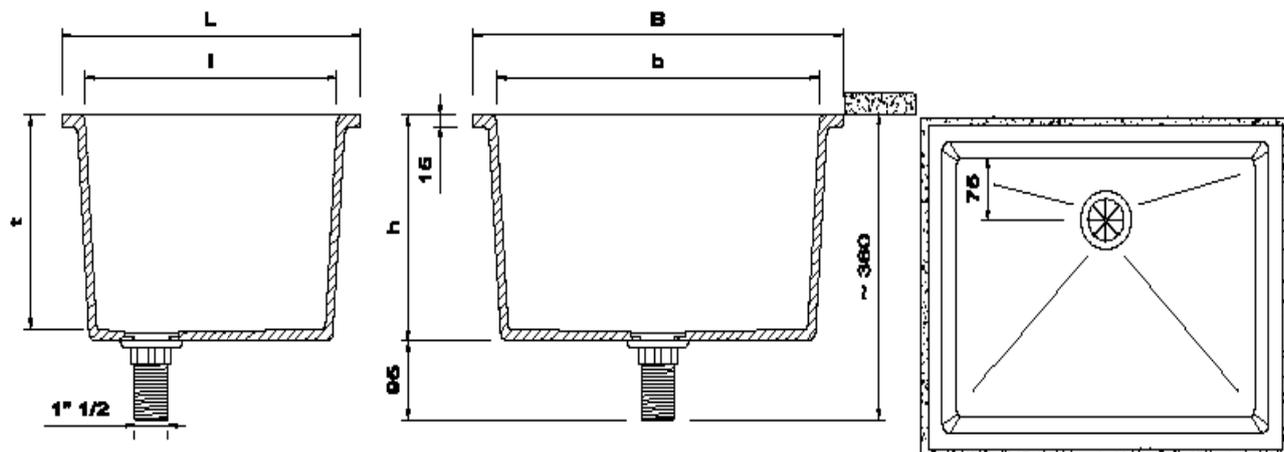
SINKS | VS SERIES UNDER MOUNTED



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS460460	455 x 455 x 265	392 x 392 x 250	20,0



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VS590460	570 x 455 x 255	485 x 370 x 235	26,5



VI SERIES | FLUSH MOUNTED SINKS FOR TILED BENCHES



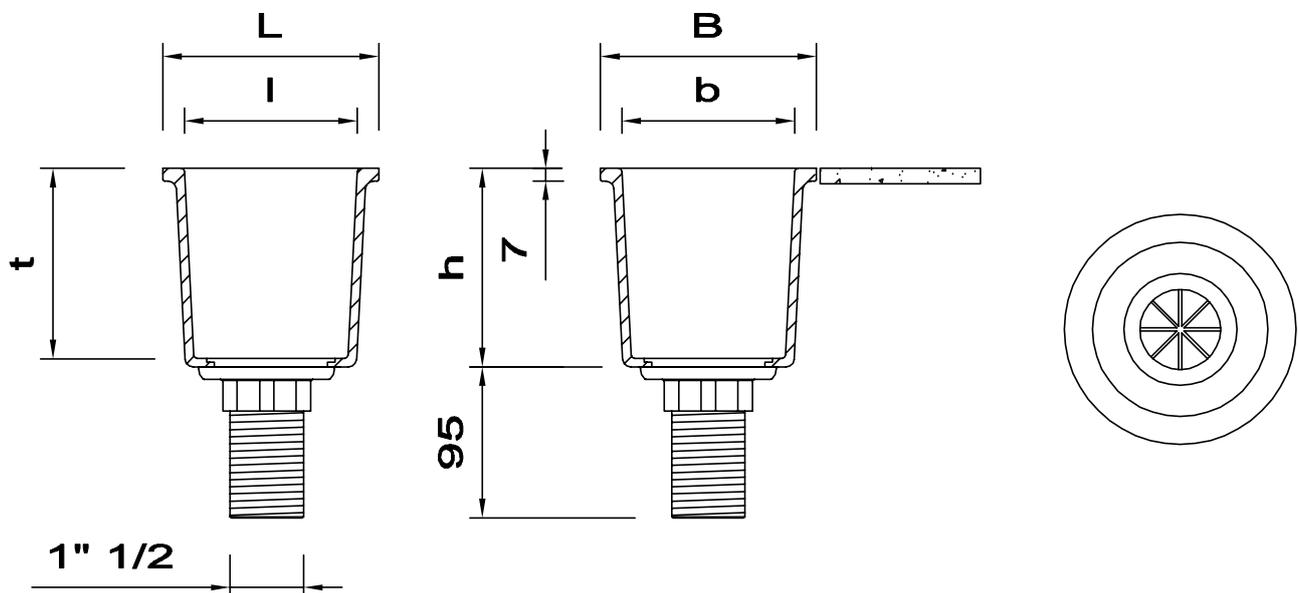
The VI SERIES is composed by drip cups and sinks studied and designed to be installed with ceramic tiles. In addition, they can often be supplied separately and installed on surfaces made of HPL, wood or other materials.

All the VI Sinks are usually rectified with CNC machines to ensure dimensional uniformity.



VI SERIES | FLUSH MOUNTED DRIP CUPS FOR TILED BENCHES

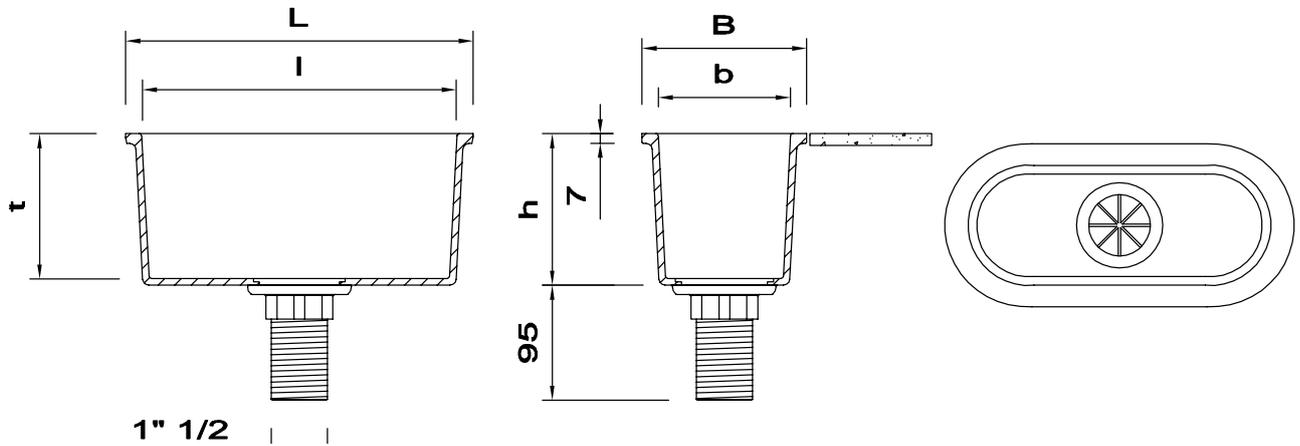
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI150	Ø 145 x 120	Ø 110 x 110	1,3



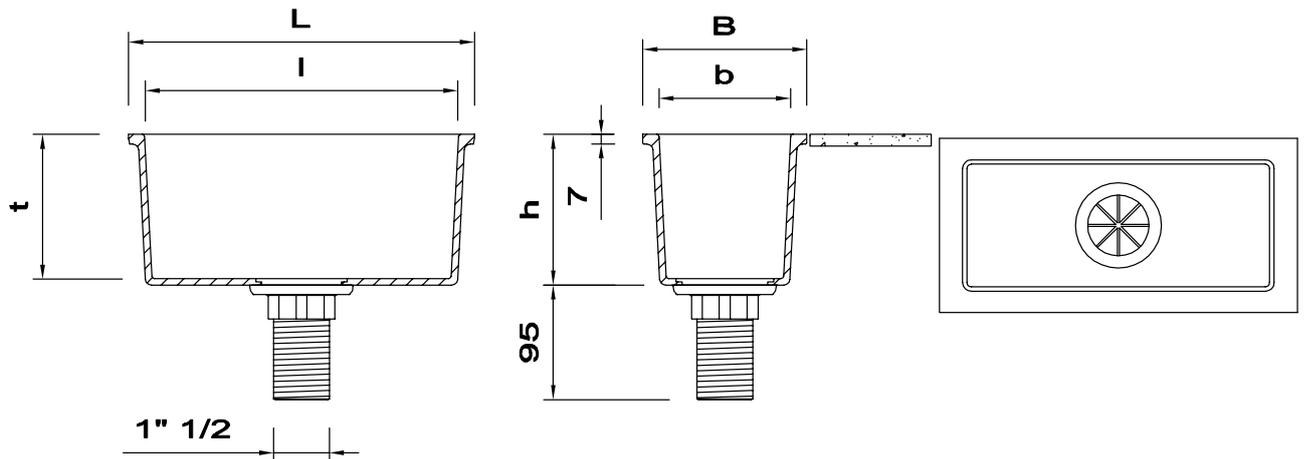
VI SERIES | FLUSH MOUNTED DRIP CUPS FOR TILED BENCHES



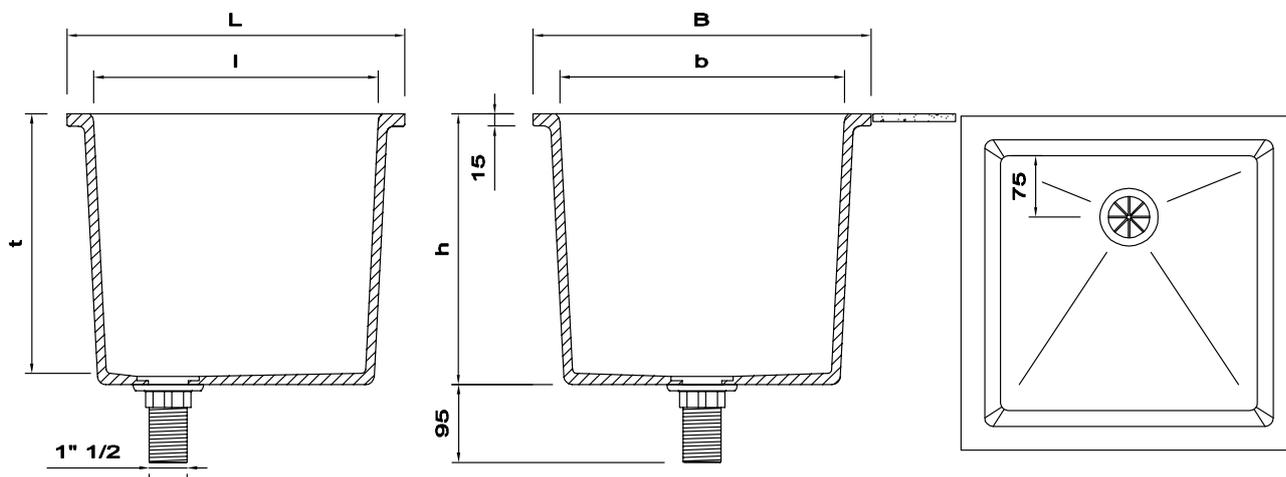
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI280140	295 x 140 x 130	250 x 95 x 112	2,6



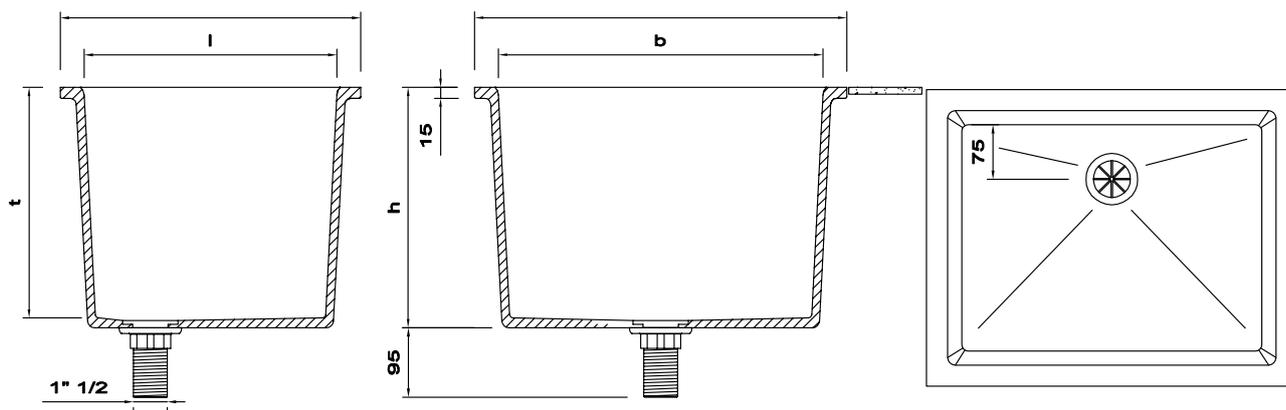
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI300150	295 x 145 x 120	255 x 115 x 100	2,9
VI300300	295 x 295 x 190	248 x 248 x 170	8,5



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI400400	395 x 395 x 325	330 x 330 x 310	18,5
VI450450	445 x 445 x 325	392 x 392 x 310	22,0



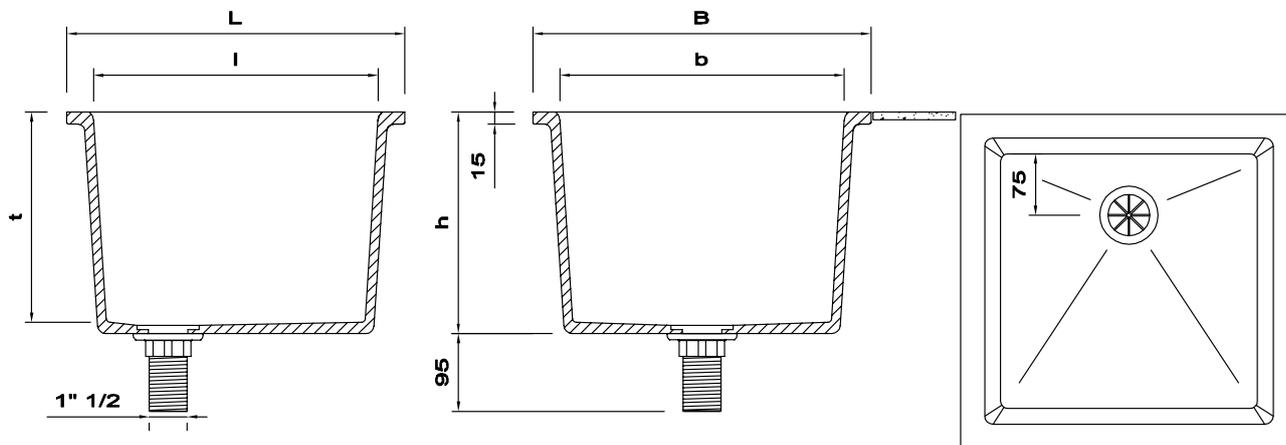
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI500400	495 x 395 x 320	435 x 345 x 310	22,0
VI550450	545 x 445 x 325	485 x 395 x 310	26,0



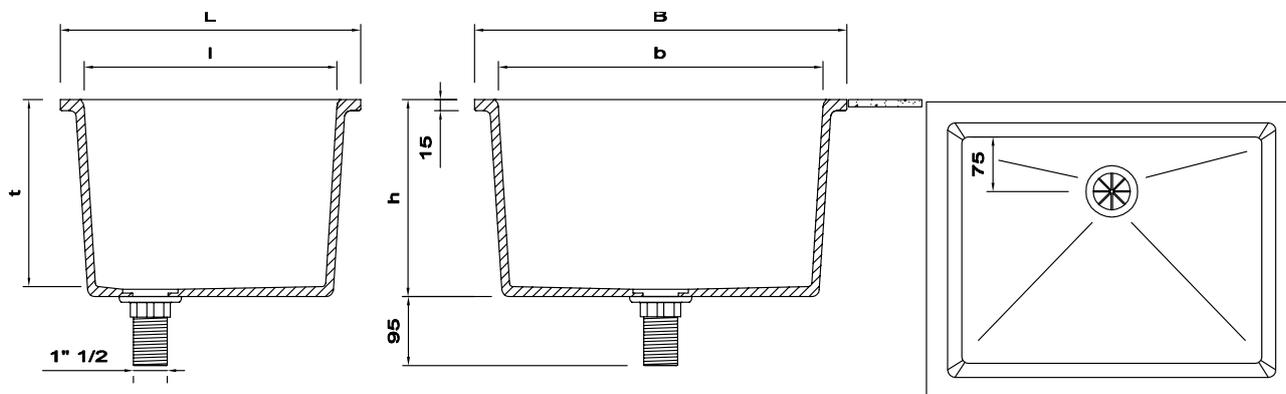
VI SERIES | FLUSH MOUNTED SINKS FOR TILED BENCHES



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI460460	445 x 445 x 265	392 x 392 x 250	20,0



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VI590460	565 x 445 x 255	485 x 370 x 235	26,5



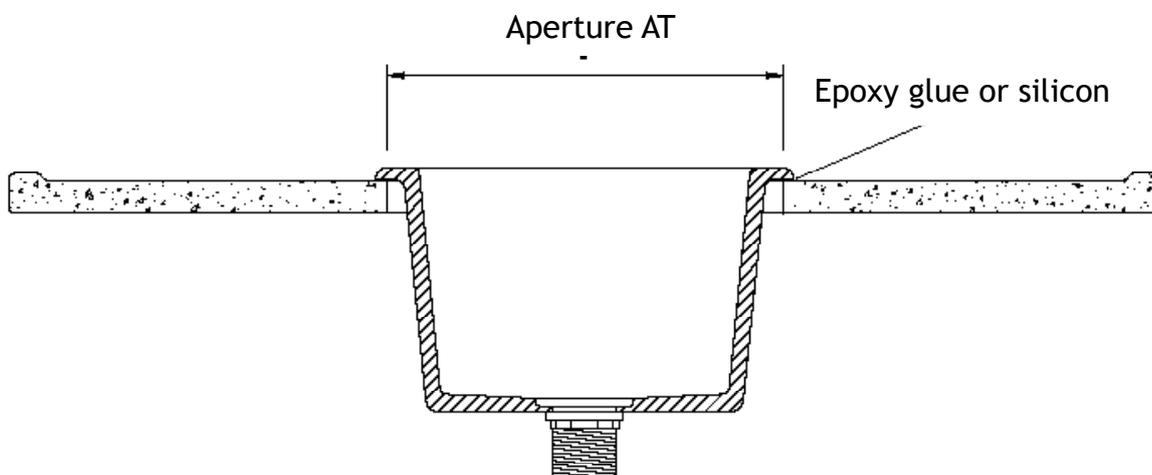
The VT SERIES is a new range of products with the characteristic of being easier and faster to install. As for the VQ SERIES, thanks to the new installation system from the top studied by KERAPLAN® the installation operations are faster.

The sinks are inserted in a glazed aperture properly created and, thanks to this fact, the installation can be at the end of the work, after the positioning of the workbenches; the operators can easily fix the sinks to the surfaces with silicon or epoxy glue.



Sink VT300300 detail

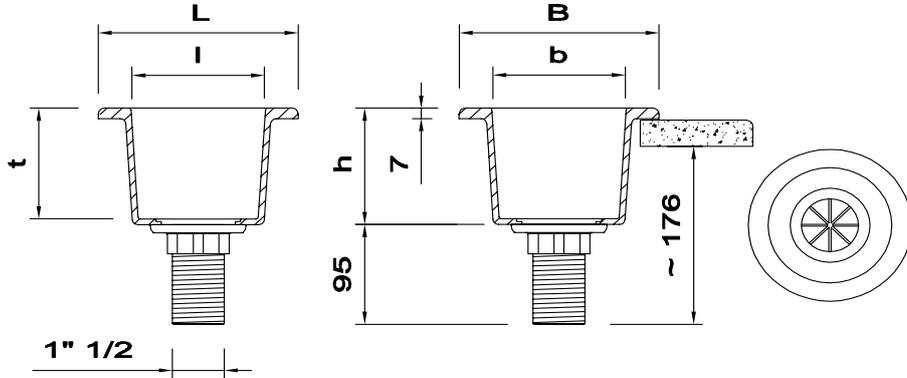
Top mounted sink



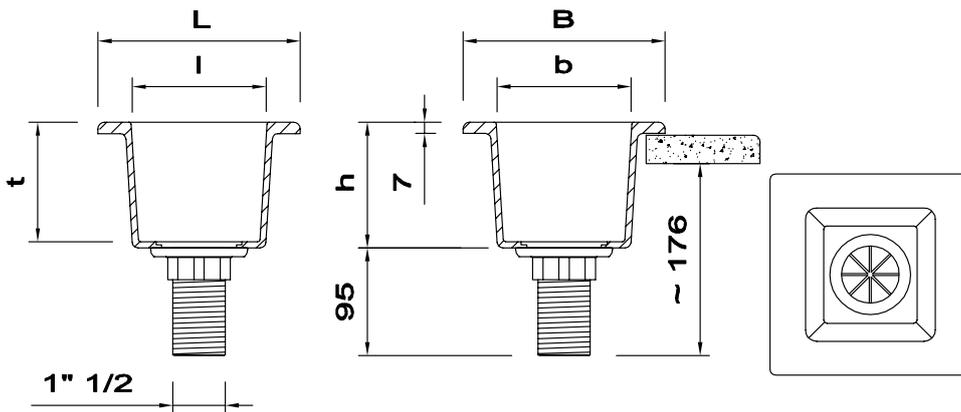
VT SERIES | TOP MOUNTED DRIP CUPS



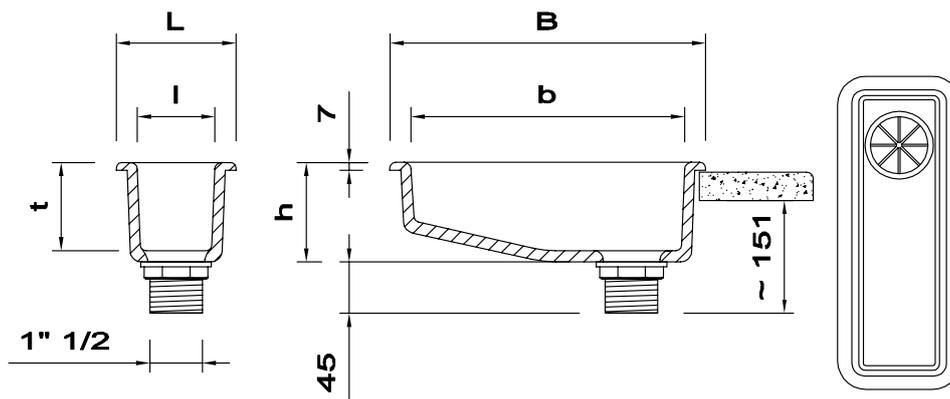
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VT150	Ø 145 x 120	Ø 110 x 110	1,3



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VT150150	178 x 178 x 115	118 x 118 x 101	1,8



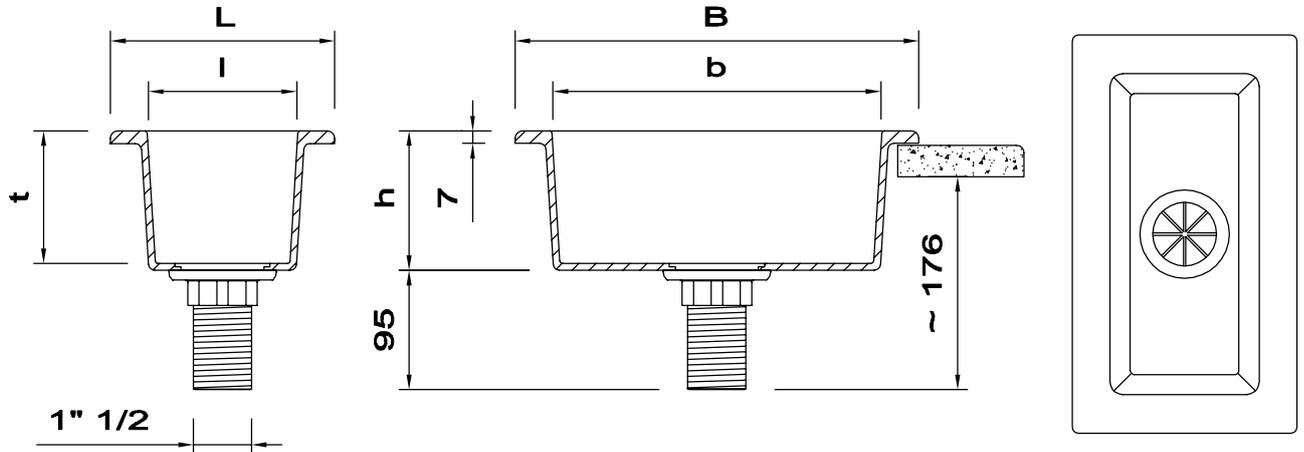
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VT275105	277 x 108 x 88	237 x 70 x 78	1,6



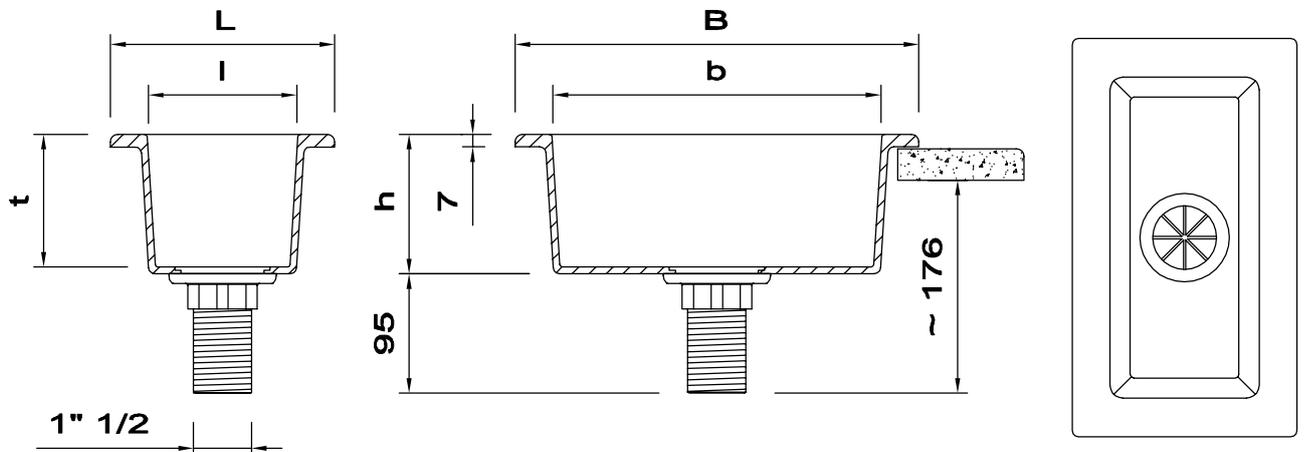
VT SERIES | TOP MOUNTED DRIP CUPS AND SINKS



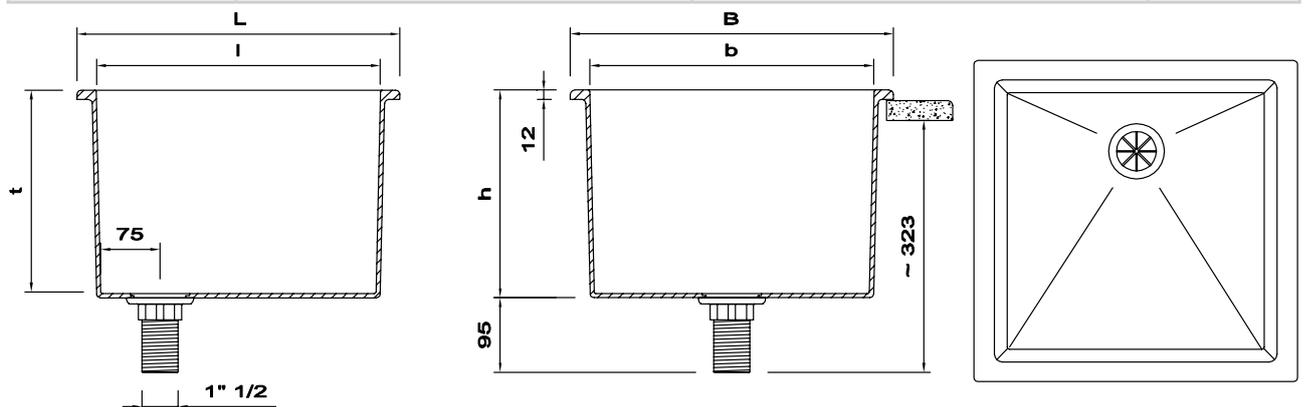
CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VT280140	295 x 140 x 130	250 x 95 x 112	2,6



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VT300150	320 x 178 x 115	258 x 118 x 101	3,0
VT300300	310 x 310 x 192	248 x 248 x 170	8,5



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VT400400	405 x 405 x 265	340 x 340 x 250	18,5



The VQ SERIES is a new range of products, similar to other produced by KERAPLAN®, but with the characteristic of being easier to install. In fact, thanks to the new installation system from the top studied by KERAPLAN®, the installation operations become faster. The sinks are inserted in a rebated cut-out properly created.

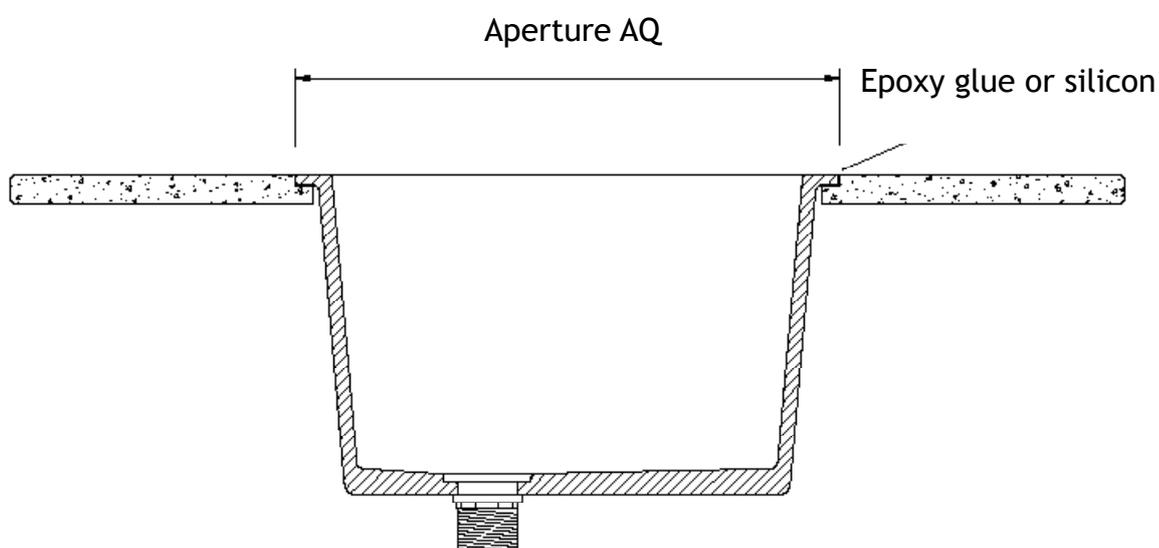
Now, the installation of the sinks can be at the end of the work, after the positioning of the workbenches; the operators can easily fix the sinks to the surfaces with silicon or epoxy glue.



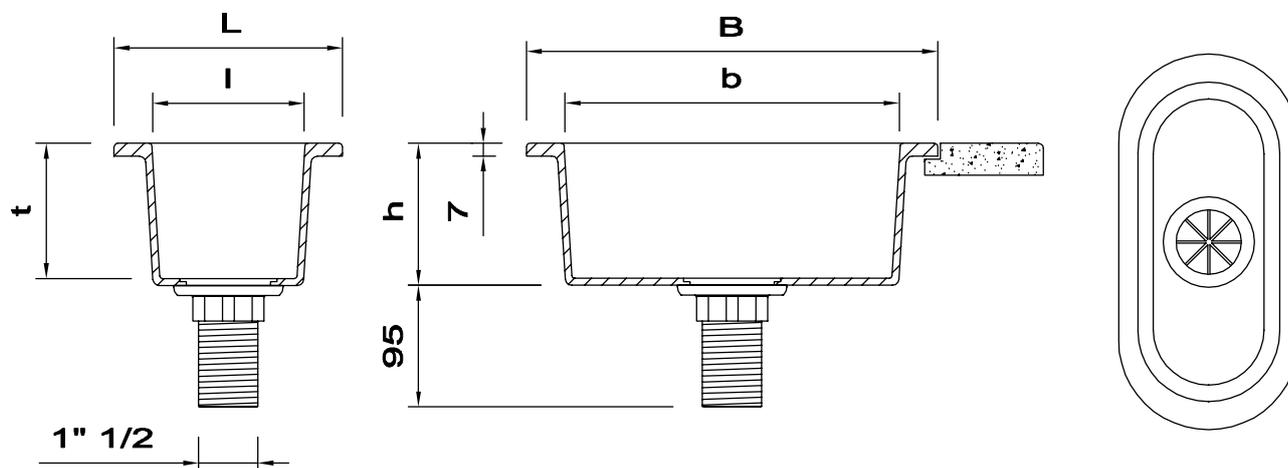
Sink VQ460460 detail



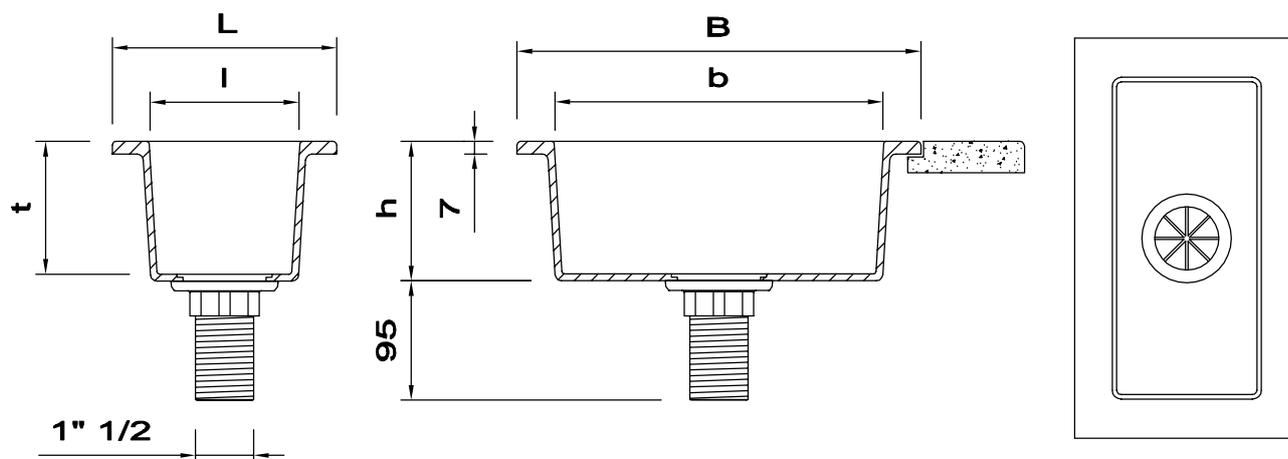
Quick mounted sink



CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VQ280140	294 x 145 x 120	246 x 100 x 105	2,5

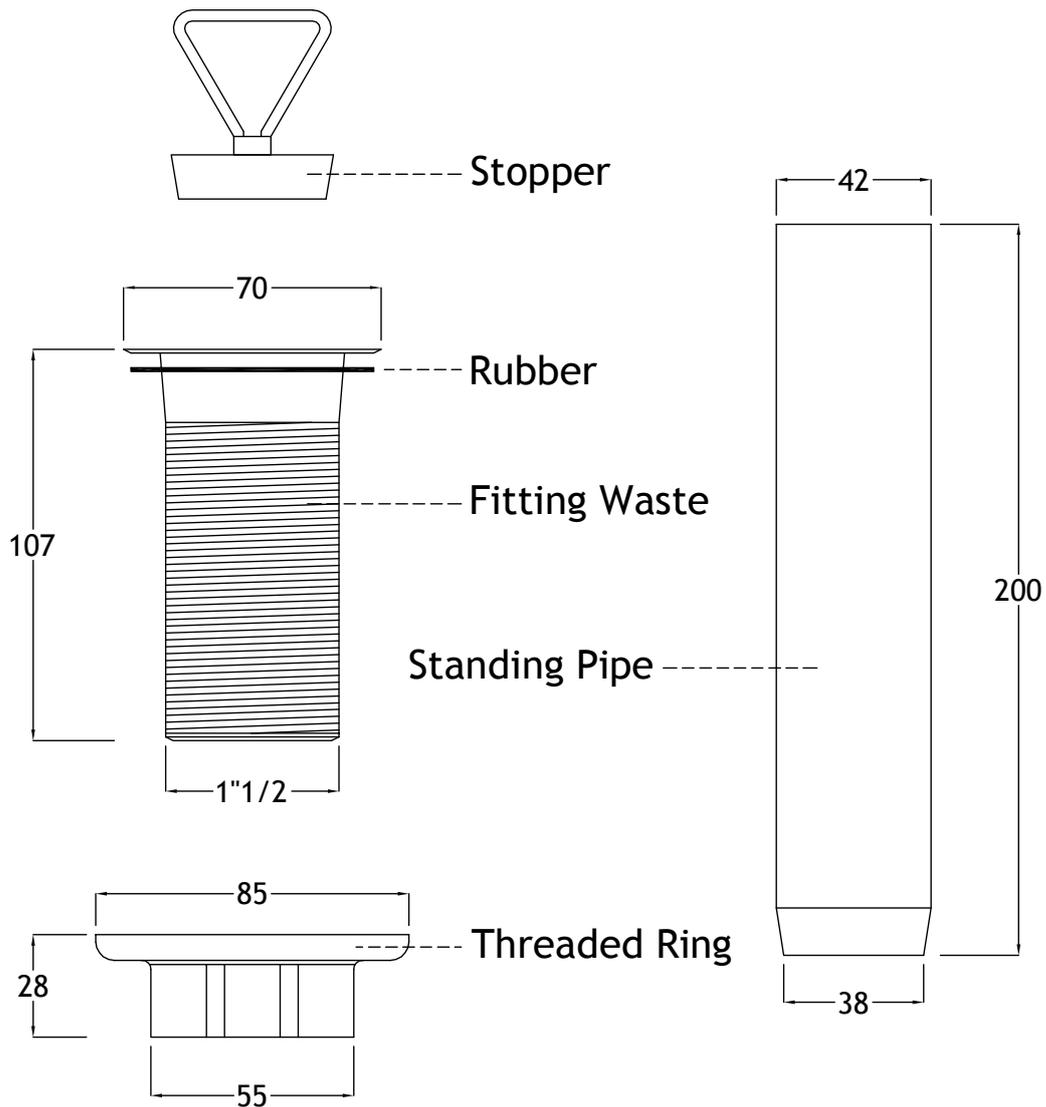


CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VQ300150	300 x 165 x 115	258 x 118 x 101	3,0
VS406406	405 x 405 x 265	340 x 340 x 250	19,0
VQ460460	445 x 445 x 265	390 x 390 x 243	20,0



All the KERAPLAN® drip cups and sinks made of Technical Ceramic are supplied with polypropylene waste fitting 1" 1/2 and pipe overflow.

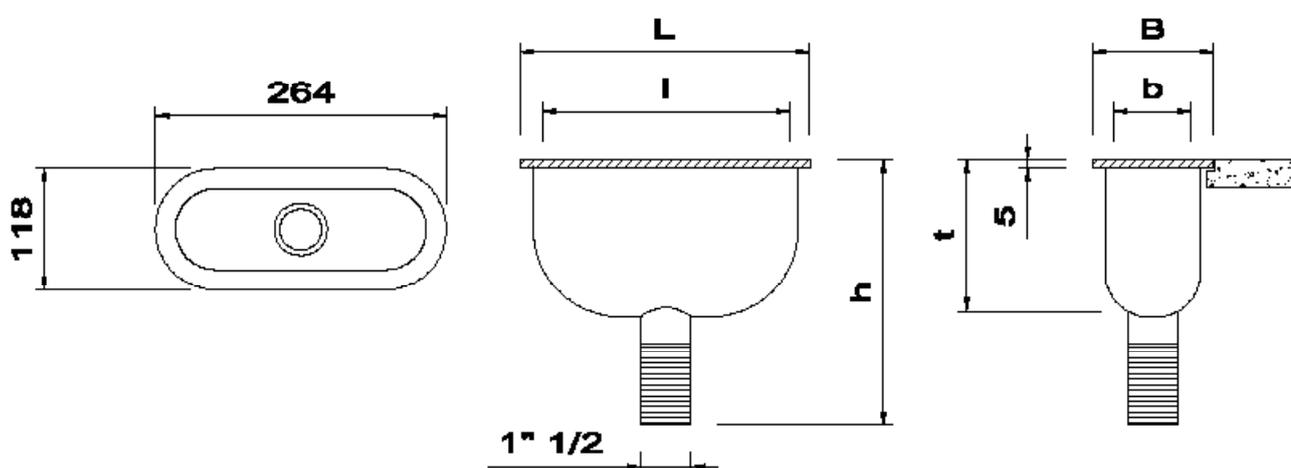
CODE	FITTING WASTE DIMENSIONS L x B x h mm	STANDING PIPE DIMENSIONS L x D mm
AC0000	70 x 107 x 1"1/2	200 x 42/38



The VP SERIES drip cup is made of polypropylene, has a great design, it is easy to install and resistant to most chemical products.

Polypropylene is an easy-to-use material, with excellent mechanical resistance and resistant to high temperatures up to 100 ° C. The material is also very easy to clean.

CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
VP264110	264 x 115 x 250	240 x 90 x 180	2,3

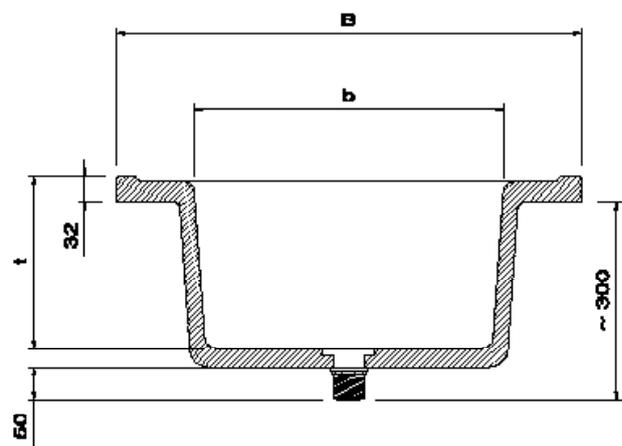
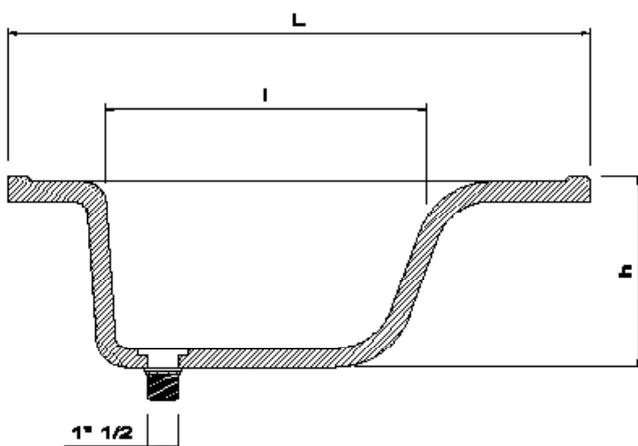
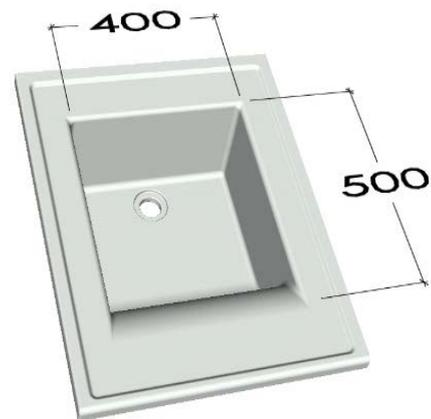
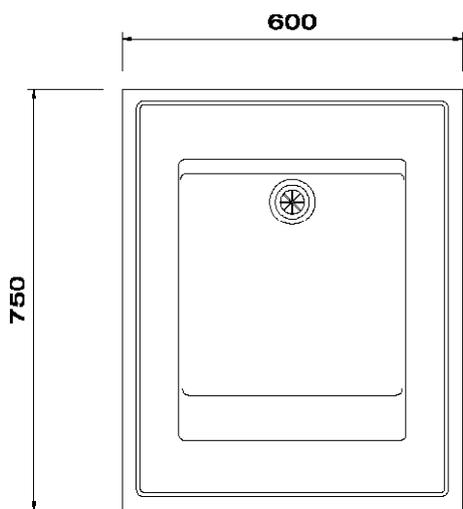


The washing unit LR0600750 is produced with standard front and lateral glazed edges but, if necessary, can also be supplied with one or two cut sides for a perfect connection with other worktops.

This product has a real aperture of mm 500x400.

Like all the ceramic surfaces produced by KERAPLAN®, the LR0600750 can be supplied with fitting holes for water and/or gas taps, it is self-supporting and ready to be installed upon the most used metallic structures available on the market.

CODE	EXTERNAL DIMENSIONS L x B x h mm	INTERNAL DIMENSIONS l x b x t mm	WEIGHT kg
LR0600750	750 x 600 x 250	500 x 400 x 210	37,0



KERAPLAN® creates specific openings for the installation of drip cups and sinks referring to the VS SERIES, VT SERIES, VQ SERIES and VP SERIES.

VS SERIES drip cups and sinks have their own AS SERIES glazed opening to ensure a correct combination with technical ceramic worktops.

VT SERIES drip cups and sinks have their own AT SERIES opening to ensure correct connection to the worktops which can be in different materials.

VQ SERIES drip cups and sinks have their own opening SERIE AQ.

The position of the opening on the worktops can be freely requested respecting the minimum distances indicated in the paragraph “POSITION OF THE OPENINGS OF DRIP CUPS AND SINKS” of this catalog.

The openings can be enameled or unglazed.

CODE	Aperture mm	CODE	Aperture mm	CODE	Aperture mm
AS150	Ø 100	AT150	Ø 135	AQ280140	301x147
AS280140	240x80	AT150150	146x146	AQ300150	302x170
AS430100	405x76	AT275105	260x95	AQ406406	407x407
AS300150	240x105	AT280140	277x123	AQ460460	450x450
AS300300	240x240	AT300150	286x146	AT410410	Ø 375
AS400400	315x315	AT300300	280x280	AP264110	240x90
AS406406		AT400400	380x380		
AS450450	365x365				
AS460460	365x365				
AS490490	400x400				
AS500400	410x310				
AS550450	455x355				
AS590460					



POSITIONING OF OPENINGS OF DRIP CUPS AND SINKS



The apertures can be positioned on the worktops according to the need of the customer but always respecting the minimum distances indicated by KERAPLAN® .

Apertures can be glazed or unglazed.

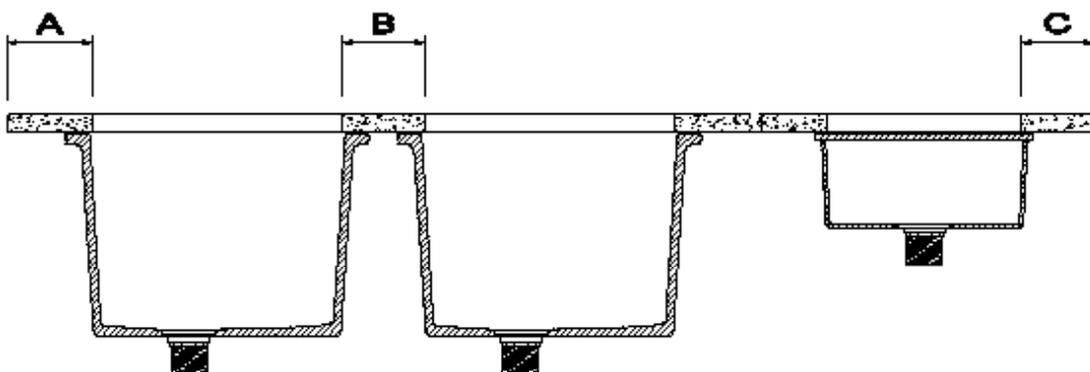
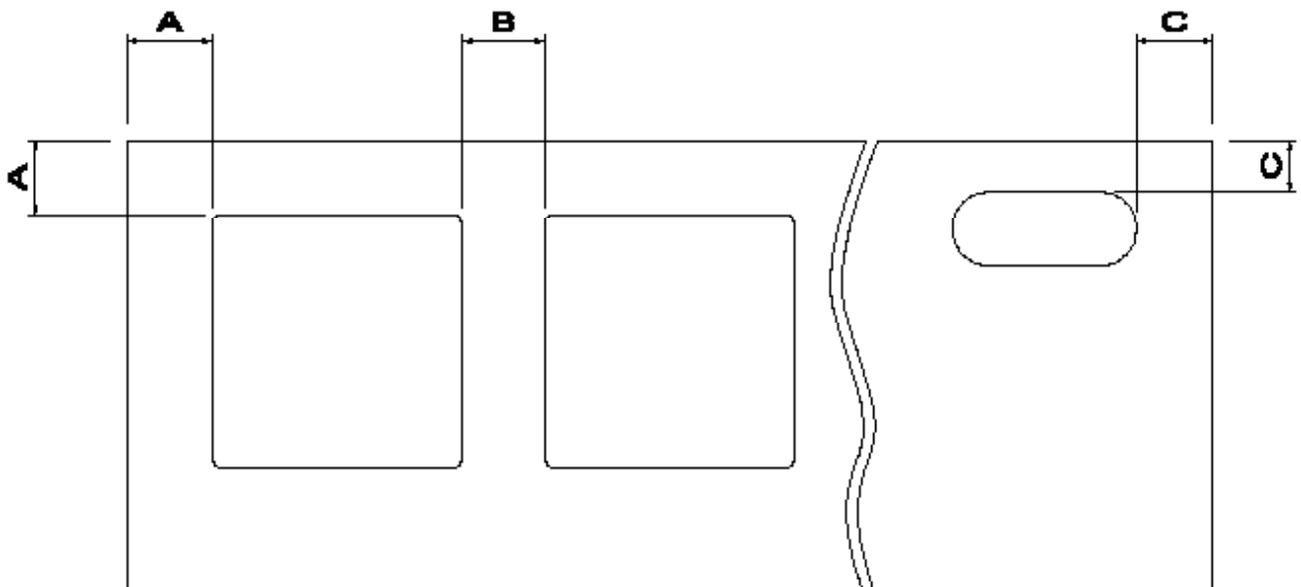
Minimum distances for sink apertures:

A: min 120 mm

B: min 160 mm

Minimum distances for drip cup apertures:

C: min 60 mm



FITTING HOLES FOR TAPS



If necessary KERAPLAN® is able to create fitting holes for the installation of water and gas taps, especially if there is not the possibility to have dedicated shelves.

The standard diameters are:

Ø 10 / 15 / 20 / 25 / 30 / 35 / 40 45 / 50 mm
e Ø 1/2" GAS / 1" GAS

Dimensions of the holes can be made on request.



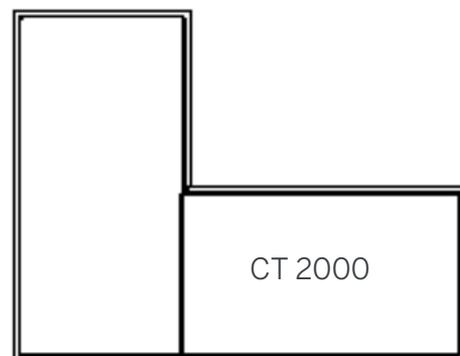
DRAINING GROOVESK

All KR, PR, MR and NR SERIES worktops can be customized with the possibility of adding drains for water drainage. Their position may vary depending on the type or quantity of sinks to be installed.



Thanks to our particular machines it's possible to create special cut-outs on demand according to the specific needs of the customer.

Corner cut to connect two KR SERIES worktops

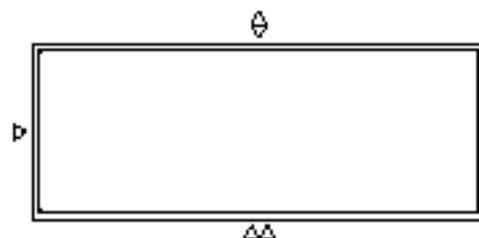
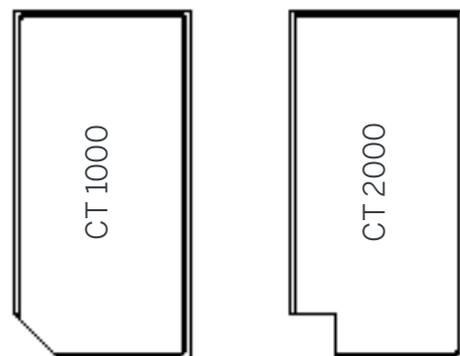


CUTTING OPERATIONS

Depending on the layout of the room, KERAPLAN® worktops are produced with or without glazed edges. In case of “not visible” sides we suggest cut edges. The connection edges are always cut, to ensure the right accuracy during the installation process.

During the production process the ceramic worktops are subject to shrinkage. Despite the use of advanced technologies, this tolerance can't be avoided. The shrinkage can vary from 1mm to 1% of the nominal dimension, depending on the finishing requested. The edge finishing is marked with the following symbols:

- ▷ Cut edge
- ◁▷ Cut edge and cold-painted
- △△ Glazed edge

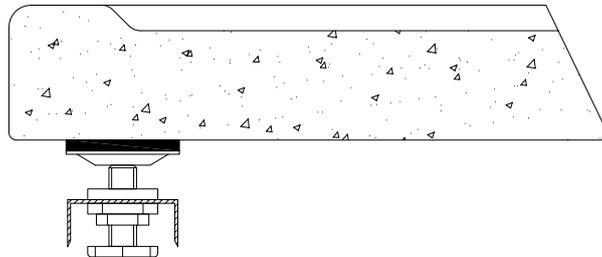


INSTALLATION PROCEDURES



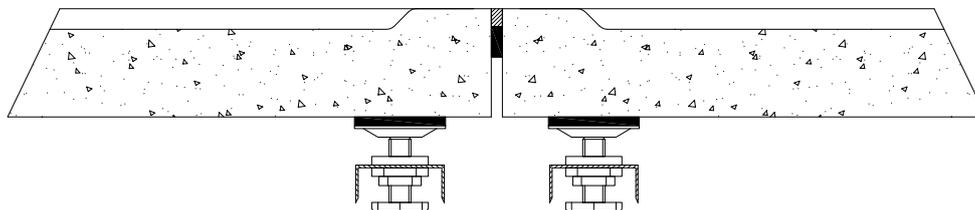
All laboratory worktops produced and supplied by KERAPLAN® upon delivery are self-supporting and ready for installation: simply place them on the structures by resting them on the four corners or directly on the bench structure.

For a quick and simple installation, we recommend mounting the worktops on leveling devices.



JOINT SEALING

There are two ways of sealing full-size KERAPLAN® laboratory worktop permanently elastic using silicon or hardening for example using epoxy sealing material



We generally recommend the use of adhesive foam strip or similar materials as spacers in order to ensure an even joint.

Joint width should already be taken into consideration when planning benchtop dimensions.

HANDLING AND TRANSPORT

All our products are supplied using different types of packing (nylon, carton or wood) that have to be handled with attention by specialized workers.

Workers have to use the correct handling system according to dimension and weight of any singular packing, paying particular attention to do not damage the ceramic products inside.

All the packages are properly made by KERAPLAN® in accordance to the specific products to deliver.

PACKING

KERAPLAN® creates packaging solutions on request according to customer needs and the destination of the goods.

There are usually two main packaging solutions: standard packaging (wooden crate) normally used for European countries and special packaging (fully closed wooden box) used for longer shipments or on request.

Drip cups and sinks are normally supplied separately and packed in cardboard boxes and placed on pallets.

The worktops are packed in wooden crates and positioned vertically to avoid breakage during transport.

For international shipments or by sea, special wooden crates and compliant with current regulations can be made.

WOODEN BOX



WOODEN CRATE



PALLET



CLEANING AND MAINTENANCE



Thanks to the production process used, the high quality raw materials and the firing temperatures above 1,220°C, the KERAPLAN® worktops are resistant to heat, stains, scratches and boasts water-repellent properties. For these reasons, the cleaning of the top will be simple and effective. In fact, dirt, bacteria, fungi or pathogens cannot penetrate inside the surface material of the product.

Normal Maintenance

Thanks to its practically zero porosity, the ultra-compact KERAPLAN® surface is highly resistant to stains in the daily use of chemicals, making it ideal for use as a worktop in the laboratory and for other types of work, where aggressive chemists products are present.

For general cleaning, we recommend using a sponge with warm water and neutral soap.

Cleaning Stubborn stains

In case of aggressive stains, both due to products resistant to normal detergents, and because they remained on the worktop without being removed, it is recommended to use more specific products such as:

- Detergents
- Slightly abrasive cleaners
- Acid or basic detergents
- Solvent based cleaners



Caution

For the use of any detergent or disinfectant, follow always scrupulously following the instructions provided by the house producer. The combined use of different products can cause unwanted chemical reactions resulting in the release of harmful gases.

The KERAPLAN® Technical Ceramic is 100% reusable as a raw material for the production of ceramic and road substrates or can be disposed of as inert and non-hazardous waste and codified with the code of the European Waste List: CER 170103.



