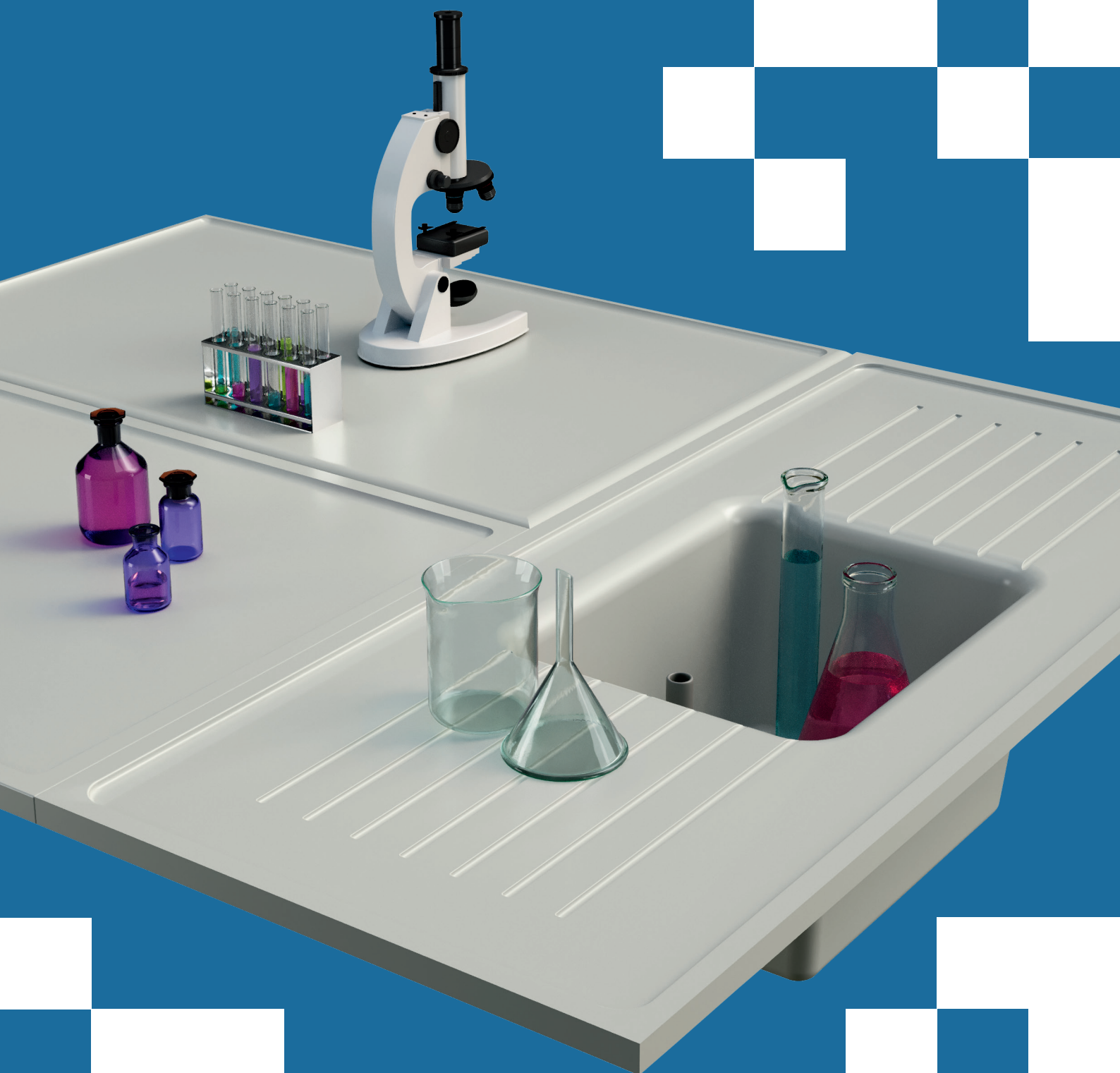


A Laboratorio Pesaro product

WORKTOPS & SINKS IN **TECHNICAL CERAMIC** FOR ALL KINDS OF LABORATORIES

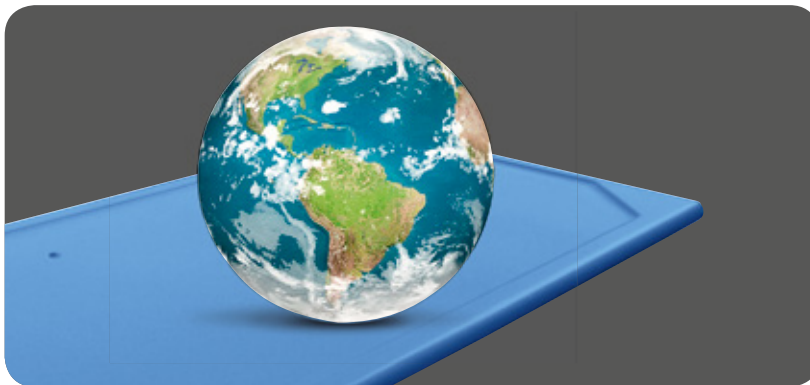
2018 / 2019



WORKTOPS & SINKS IN **TECHNICAL CERAMIC** FOR ALL KINDS OF LABORATORIES

We have sixty years of experience in the manufacturing and sale on a global scale, meeting the regulations and design procedures of each Country. We pay special attention to the technical and aesthetic needs of each lab space, offering a customised service.

MONOLITE IPERGRES: Our Partner Worldwide



COUNTRIES WE EXPORT TO (in alphabetical order updated in June 2018):

Argentina	France	Kuwait	Saudi Arabia
Belarus	Germany	Latvia	Serbia
Belgium	Greece	Lithuania	Slovenia
Bulgaria	Iran	Malaysia	Spain
China	Ireland	Mexico	Switzerland
Colombia	Israel	Poland	Tailand
Czech Republic	Italy	Portugal	Turkey
England	Japan	Romania	United Arab Emirates
Estonia	Jordan	Russia	

OUR WORK IS A WORK IN DEPTH

Worktops and edges shaped with cleverness and research to meet every need.



COLOURS FOR A GREEN LIFE

Energy and personality in 28 hues, to enjoy a high quality work place environment compatible.



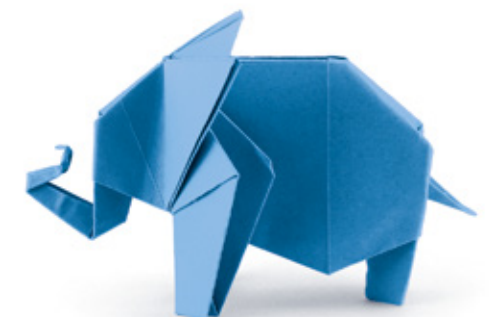
PLEASANT DESIGN LABS

Personalized solutions, high performance and Autocad design.



THE ART OF WORKMANSHIP

Worktops with a variety of drill-hole shapes, raised, edged, and with customised thicknesses.



The Technology

“New techniques and production procedures have been applied to ceramic.”

- **MONOLITE IPERGRES®** is a technical ceramic mixture, chemical-technical stoneware, that is single fired at high temperature (1230-1250° C).

- **MONOLITE IPERGRES®** Technical Ceramic is manufactured from natural earth resources as clay, kaolin, feldspar and quartz.

- All the benchmarked materials are “natural” and the production technology has low environmental impact, with absence of any pollutant: “green building” concept.

- After a complex and severe research, experimentation on working process and severe control, Laboratorio Pesaro produces on its own exclusive formula clay mixtures and glazes, in a range of colours unique on the market.

- The single-firing technique at high temperature allows the ceramic body to combine firmly with the glaze giving to the enamelled surface an excellent resistance in time and a very high quality value.

MONOLITE IPERGRES® Technical Ceramic manufacturing process method and procedures are in accordance with ISO standards for general management **ISO 9001: 2008**.

- Laboratorio Pesaro is proud to be a member of **SEFA** - the international Scientific Equipment and Furniture Association



The Product

- The worktops are completely self-supporting and do not require structural frames.

- The product features a rim against overflows along all four sides; any worktop can be used individually or as a part of a combination together with others.

- In order to have non standard length, worktops with a rim against overflow on all four sides can be cut and assembled “side by side”.

- The worktops are supplied with a frontal glazed edge and the remaining edges can be cut to the desired size; the two short edges are finished with a special cold-applied enamelling of the same hue of the worktop.

- Worktops can be supplied with finished and glazed edges (ie. for central benches).

- It is possible to make holes on the worktop surface for sinks of various shapes, standard or not, holes for the fittings and any kind of opening with glazed or unglazed cut edges.

- Special shaped worktops can be also produced manufacturing dedicated moulds.

- In order to optimize packing and decrease transportation costs, sinks are normally supplied as detached part. On demand, they can be assembled together.

- The worktops made of technical ceramic have geometric features tolerances respecting **DIN 12916**.



Materials Comparison (kindly offered by our russian customer LAM0)

SAMPLE NO.		NAME OF SURFACE SAMPLE OR MATERIAL TESTED								
		CERAMIC				PLASTIC				
		1	2	3	4	5	6	7	8	9
No. of	Chemical reagent	Monolite Ipergres® Ceramic	KS-12 Ceramic - glossy enamel	KS-12 Ceramic - mat enamel	Quarella Ceramic	Sloplast Plastic	Trespa Top Lab Plastic	Wilsonart Plastic	Labelam Plastic	Isomax Plastic
1.	Nitric acid, concentrated 65%									
2.	Nitric acid, diluted 10%									
3.	Sulphuric acid, concentrated 96%									
4.	Sulphuric acid, diluted 10%									
5.	Nitric and sulphuric acids, concentr.1:3									
6.	Hydrofluoric acid (37%)									
7.	Hydrochloric acid, concentrated 37%									
8.	Hydrochloric acid, diluted 10%									
9.	Phosphoric acid (73%)									
10.	Chromic acid (60%)									
11.	Sodium dichromate									
12.	Potassium dichromate (concentrated sulphuric acid solution)									
13.	Ammonia (28%)									
14.	Trichloroacetic acid									
15.	Acetic acid, glacial									
16.	Hydrogen peroxide (33%)									
17.	Sodium hydroxide (50%)									
18.	Sodium hydroxide (10%)									
19.	Potassium hydroxide (50%)									
20.	Potassium hydroxide (10%)									
21.	Acetone									
22.	Toluene									
23.	Hexane									
24.	Dioxane									
25.	Butyl acetate, mineral spirits, o-xylol (1:1:1)									
26.	Benzene									
27.	Dichloroethane									
28.	Dichloroethane									
29.	Carboxylic acid, phenol (90%)									
30.	Methyl ethyl ketone									
31.	Carbon tetrachloride									
32.	Dimethylformamide									
33.	Potassium permanganate solution									
34.	Iodine solution									
35.	Bromine phenol blue (0,1%)									
36.	Methyl red (0,1%)									
37.	Methyl orange (0,1%)									
38.	Methyl blue (0,1%)									
39.	Phenolphthalein (0,1%)									
	Abrasion resistance (scratch)									
	Shock resistance									
	100 C°									
	150 C°									
	200 C°									
	300 C°									

 Green - no visible effect
  Yellow - slightly visible stain
  Orange - stain
  Red - perceivable cracks on the surface

[illegible]

Six Points for the Best Choice

- 1

MONOLITE IPERGRES® worktops are super resistant, self-supporting although really light. Its mechanical resistance values are so high to allow a thickness of just 20 mm in dealing with very large dimensions 2200x1100 mm.
- 2

MONOLITE IPERGRES® has shown to be strongly resistance to indirect tensile stress through flexural test. Its mechanical high features makes possible to optimize structural performances and at the same time to low weight of products.
- 3

MONOLITE IPERGRES® has high thermal stability and excellent performances. It is thermal shock resistant to open flames and hot devices, it is also frost-proof and non-flammable (Euroclass A1).
- 4

MONOLITE IPERGRES® fully vitrified and glazed surface cannot absorb grease and liquids, maintaining the surface hygienically clean. The technical ceramic cannot get stained because of its impermeability, any detergent can be used. Ease to perfectly decontaminate if handling radioactive substances.
- 5

MONOLITE IPERGRES® glazed surface has the maximum abrasion scoring and scratching resistance. This performance guarantees long lasting performances in high stressing working conditions.
- 6

MONOLITE IPERGRES® has a brilliant impact resistance. The technical ceramic has a great capacity to absorb stress both in conditions of use and above all during transport, with no problems at all.



Performances

The Department for Territory and Geological Resources of the Politecnico in Turin and the Ceramic Centre in Bologna have carried out some physical and mechanical tests on **MONOLITE IPERGRES®** samples with these results:

VARIABLE	VALUE
STRUCTURAL PROPERTIES	
Density (weight for unit of volume g/cm3) - DIN 51064	2.17
Weight H20 mm Worktops per Square meter (+/- 5%)	43.50
Weight H28 mm Worktops per Square meter (+/- 5%)	44.80
Weight H38 mm Worktops per Square meter (+/- 5%)	48.50
DIMENSIONAL PROPERTIES AND QUALITY GLAZED SURFACE	
Dimensional and geometrical properties - UNI EN ISO 10545 - 2 / DIN 12916	Compliant
Colour stability to Light and UV rays - UNI EN ISO 10545 - 16	Maximum
MECHANICAL PROPERTIES	
Determination of moduls of rupture and breaking strength - EN ISO 10545 - 4	
• Average breaking load (N)	16.114
• Average breaking strength (N)	14.649
• Average Modulus of rupture (N/m2)	43.10
Flexural strength after frost resistance test (EN 100 – MPa)	40.60
Determination of impact resistance by measurement of coefficient of restitution - EN ISO 10545 - 5	0.80
MECHANICAL PROPERTIES OF THE GLAZED SURFACE	
Determination of resistance to surface abrasion (UNI EN ISO 10545 - 7) Abrasion Stage PEI	5 Maximum
Hardness according to Mohs - DIN EN 101	6
THERMAL PROPERTIES	
Linear Thermal Expansion coefficient (10-6 °C-1) - UNI EN ISO 10545 - 8	6.5 - 7.0
Thermal Shock Resistance - UNI EN ISO 10545 - 9	OK
Crazing Resistance - UNI EN ISO 10545 - 11	OK
Frost Resistance - UNI EN ISO 10545 - 12	OK
Thermal Resistance (exposure up to 10 Hrs.)	up to 900 °C
CHEMICAL RESISTANCE	
Determination of Chemical Resistance of glaze surface - UNI EN ISO 10545 - 13	OK Maximum
Determination of stain resistance - UNI EN ISO 10545 - 14	OK Maximum
SAFETY PROPERTIES	
Releasing of Dangerous Substances, skid resistance - UNI EN ISO 10545 - 15	
Pb	0.00
Cd	0.00
Behaviour in Fire (Combustible material) - DIN EN 13501 - 1 - Euroclass A1	NO
Radiation Hygiene Certificate	OK

Mechanical Performances: supports and loading conditions

The Department of Industrial Engineering and Mathematical Sciences of Marche Polytechnic University of Ancona has carried out several physical and mechanical test on **MONOLITE IPERGRES®** technical ceramic.

These tests have deepened verified **MONOLITE IPERGRES®** features to identify reliable performances and parameters to be used in FEM (Finite Element Method) analysis.

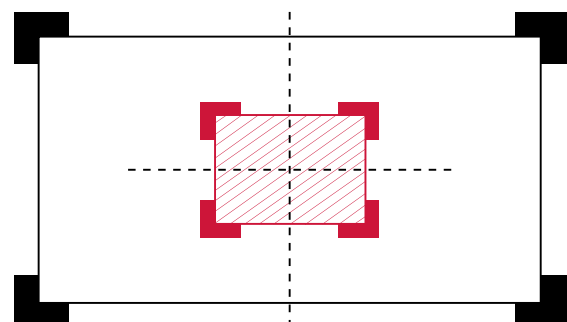
We have been able to tune a customized FEM simulation software to estimate the Maximum Static Load to apply on a worktop surface in safety conditions.

Safety conditions means that all strengths in the product sections must be less than 50% of Average Breaking Strength of **MONOLITE IPERGRES®** technical ceramic: **safety factor 2**.

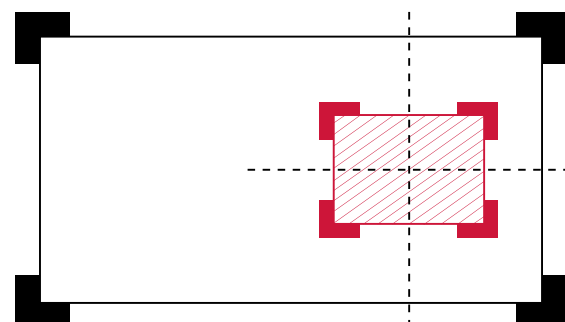
Three different and significant sections and typologies of worktops have been verified considering number and position of worktop support and loading conditions:

- Two loading conditions have been verified: central and lateral load.
- Two different number and position of worktop supports have been considered: n° 4 and n° 6, one on each edge plus 2 in the middle of long sides

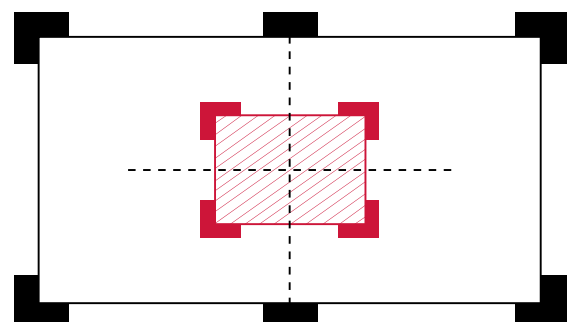
N° 4 Support CENTRAL LOAD



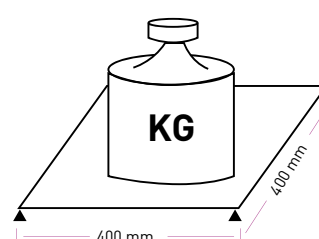
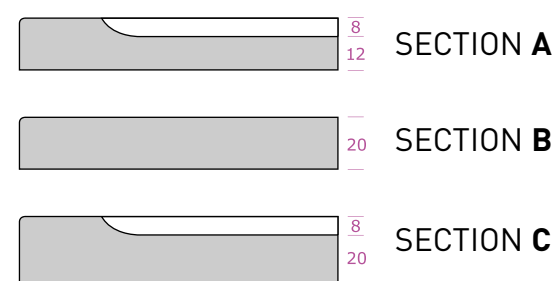
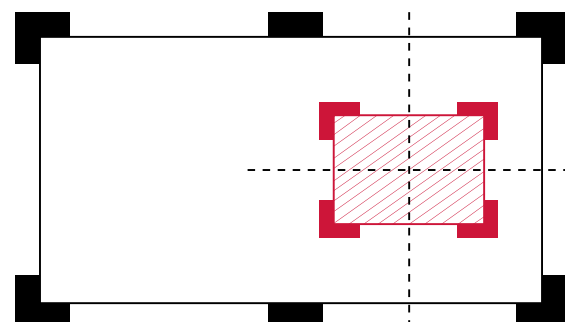
N° 4 Support LATERAL LOAD



N° 6 Support CENTRAL LOAD



N° 6 Support LATERAL LOAD

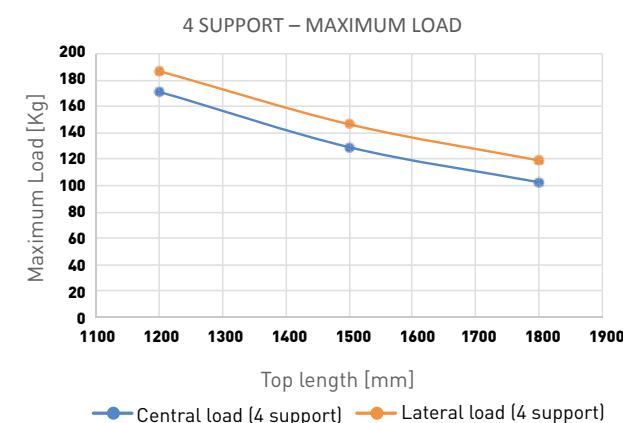


To simulate realistic load conditions, the weight of an appliance on a worktop it has been considered a load distributed on four supports at a distance of 400 mm each other.

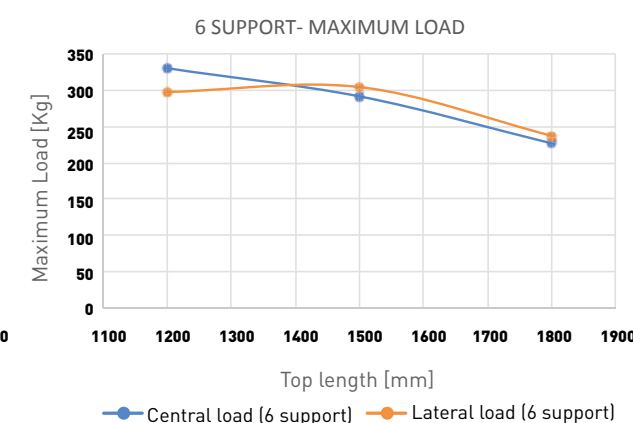
Mechanical Performances: results for three types of worktops

To simulate the behaviors of the three sections, A-B-C, three different lengths of worktops, 1200 - 1500 and 1800 mm, have been analyzed under load using our **MONOLITE IPERGRES®** customized FEM software.

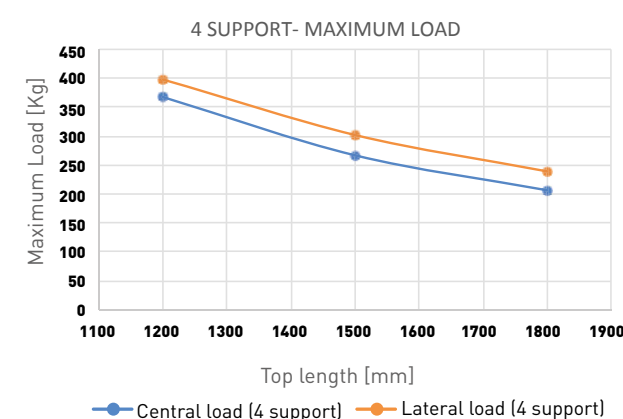
SECTION A 12+8 mm 4 support



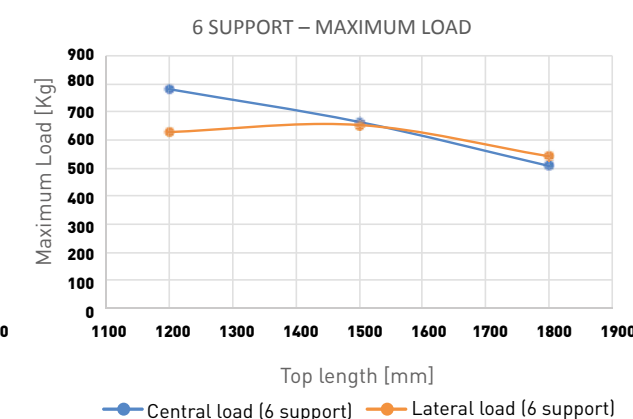
SECTION A 12+8 mm 6 support



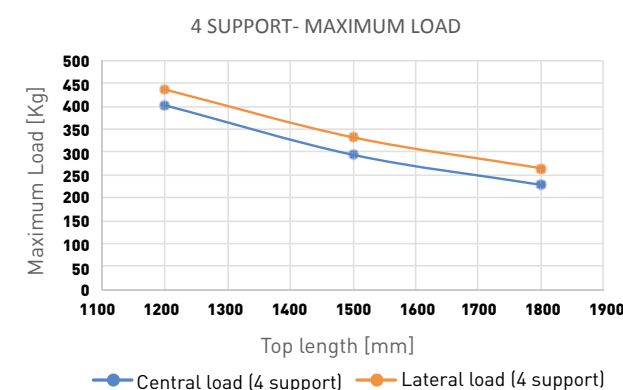
SECTION B 20 mm 4 support



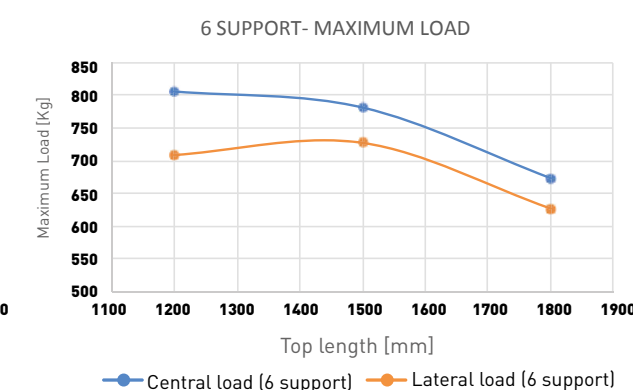
SECTION B 20 mm 6 support



SECTION C 20+8 mm 4 support



SECTION C 20+8 mm 6 support



Chemical Resistance Tests (in alphabetical order A → Z)

REAGENT	RESULT
Acetic Acid (99%)	No effects
Acetic Anhydride	No effects
Acetone	No effects
Acetonitrile	No effects
Acridine Orange	No effects
Alizarin Complexone Dihydrate	No effects
Ammonium Hydroxide (28%)	No effects
Amylacetat	No effects
Aniline blue, Water Soluble	No effects
Benzene	No effects
Butyl Alcohol	No effects
Carbol Fuchsin	No effects
Carbon Tetrachloride	No effects
Carmine	No effects
Chloroform	No effects
Chromium (VI) Oxide (60%)	No effects
Congo Red	No effects
Copper Sulphate (10%)	No effects
Cresol	No effects
Crystal Violet (Gentian)	No effects
Dichlor Acetic Acid	No effects
Dichlormethane	No effects
Dioxane	No effects
Eosin B	No effects
Ethylalcohol	No effects
Ethyl Acetate	No effects
Ethylene Glycol	No effects
Ethyl Ether	No effects
Ferric (III) Chloride (10%)	No effects
Formaldehyde (37%)	No effects
Formic Acid (99%)	No effects
Fuchsin (basic)	No effects
Furfural	No effects
Gasoline	No effects
Giemsa Stain	No effects
Hydrochloric Acid (37%)	No effects
Hydrofluoric Acid (48%)	Failed
Hydrogen Peroxide	No effects
Iodine Solution (0.1 N)	No effects

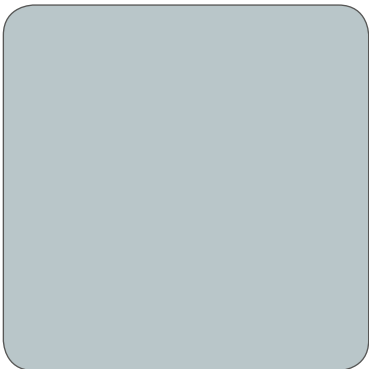
REAGENT	RESULT
Iodine (Crystals and Tincture)	No effects
Malachite Green Oxalate	No effects
Methylalcohol	No effects
Methylene Blue	No effects
Methylethylketone	No effects
Methylisobutylketone	No effects
Methyl Violet 2B	No effects
Mono Chlorobenzene	No effects
n-Butyl Acetate	No effects
n-Hexane	No effects
Naphtaline	No effects
Nitric Acid (70%)	No effects
Perchloric Acid (60%)	No effects
Phenol	No effects
Phosphoric Acid (85%)	No effects
Potassium Iodite (10%)	No effects
Potassium Permanganate(10%)	No effects
Safranine O	No effects
Silver Nitrate (1%)	No effects
Sodium Chloride (10%)	No effects
Sodium Hydroxide (40%)	No effects
Sodium Hydroxide (flakes)	No effects
Sodium Hypochlorite (13%)	No effects
Sudan III	No effects
Sulphuric Acid (98%)	No effects
1/2 Sulphuric Acid (85%)+ 1/2 Nitric Acid (70%)	No effects
Tetrahydrofurane	No effects
Toluene	No effects
Trichlorethylene	No effects
Xylene	No effects
Zinc Chloride Saturated	No effects

Informations based on in-house and Worldwide Customers' Tests June 2018.

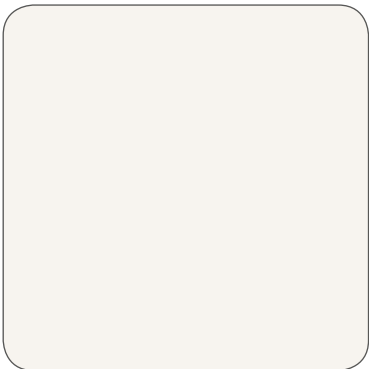
Informations provided intend only to show **MONOLITE IPERGRES®** wide range of applications but not valid as guarantee in any way. Customers are kindly asked to conduct their own tests for specific needs and applications.

CLASSIC Colours

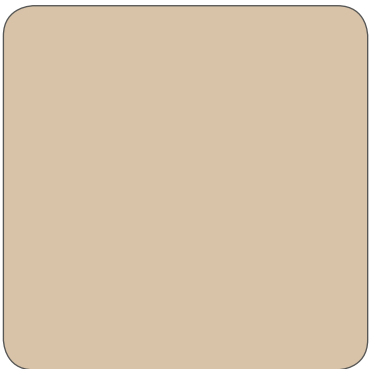
CODE	COLOUR	CLOSEST RAL
009	GREY	7035
001	WHITE	9003
002	BEIGE	9001
003	LIGHT GREY	7040
004	LIGHT DOTTED GREY	7040
005	GLOSSY DOTTED GREY	7042
007	GREY BLUE	5014



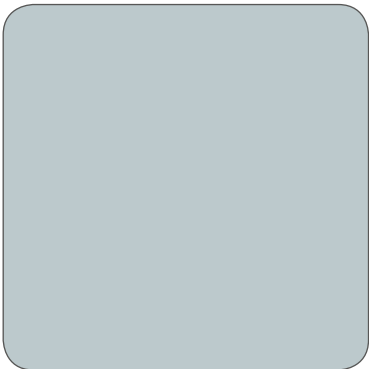
009



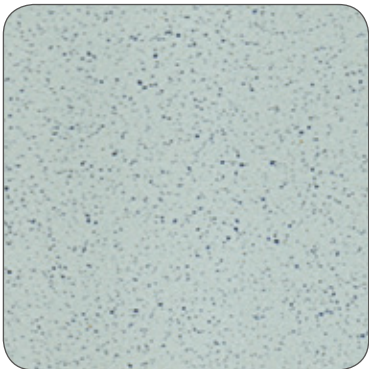
001



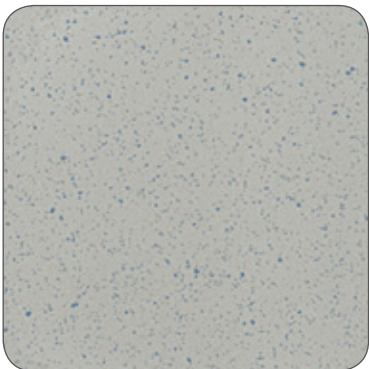
002



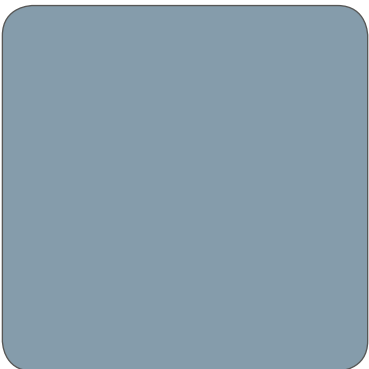
003



004



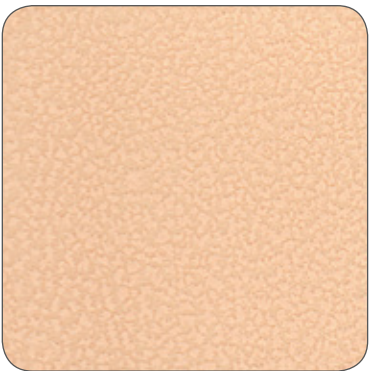
005



007

CONTEMPORARY GLOSSY Colours

CODE	COLOUR	CLOSEST RAL
01-04 R	YELLOW	1004
20-01 R	ORANGE	2009
08-02 R	PEACH	3012
12-01 R	BLACK	5008
02-02 R	LIGHT GREEN	6034
03-01 R	LIGHT BLUE	5023
09-03 R	AUBERGINE	7037



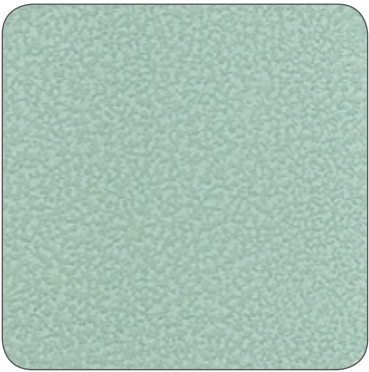
08-02 R



20-01 R



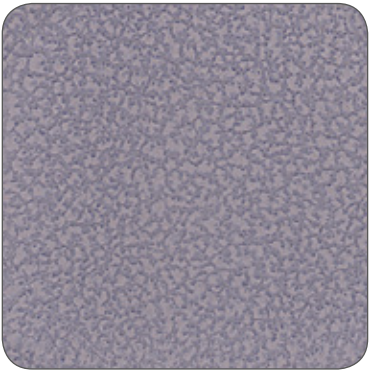
01-04 R



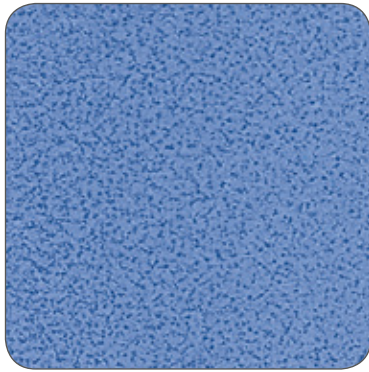
02-02 R



12-01 R



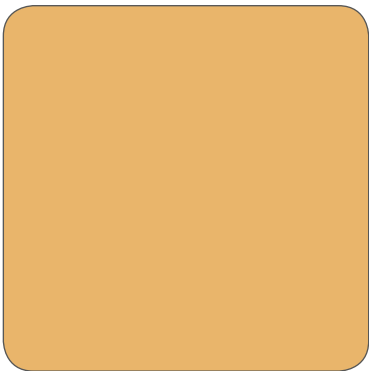
09-03 R



03-01 R

CONTEMPORARY SATIN Colours

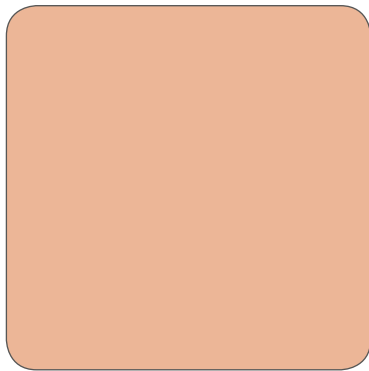
CODE	COLOUR	CLOSEST RAL
01-04	YELLOW	1004
20-01	ORANGE	2009
08-02	PEACH	3012
12-01	BLACK	5008
02-02	LIGHT GREEN	6034
03-01	LIGHT BLUE	5023
09-03	AUBERGINE	7037



01-04



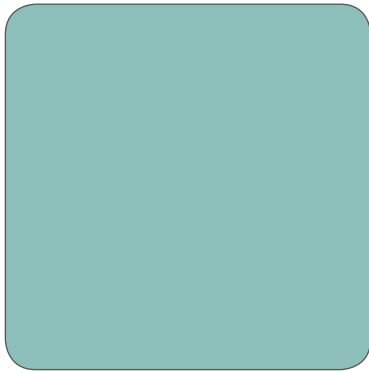
20-01



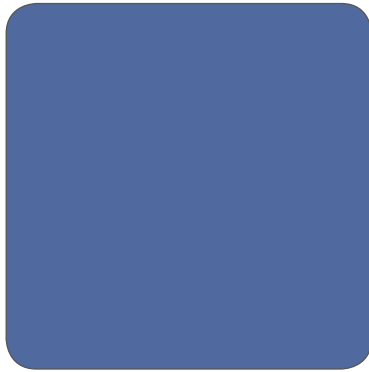
08-02



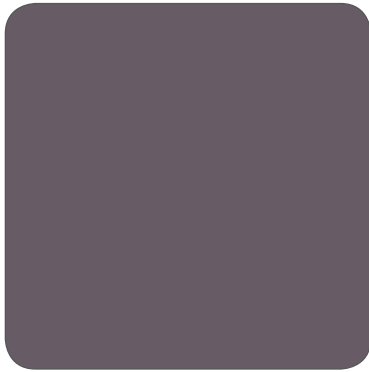
12-01



02-02



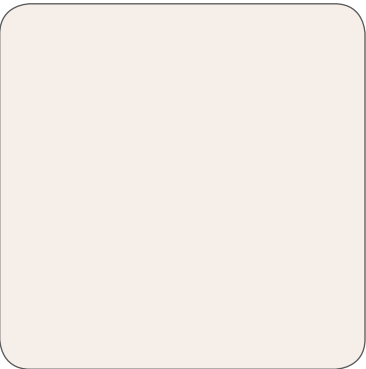
03-01



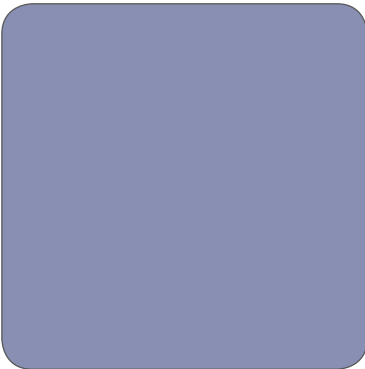
09-03

Bio-Logic GLOSSY Colours

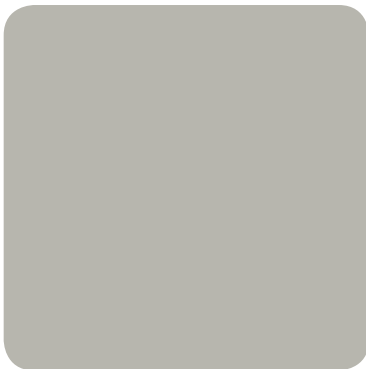
CODE	COLOUR	CLOSEST RAL
101	WHITE	9016
102	LILAC	5014
103	GREY	7035
104	SEA GREEN	6027
105	SILT	1013
107	TAUPE	7042
008	LIGHT GREY	7038



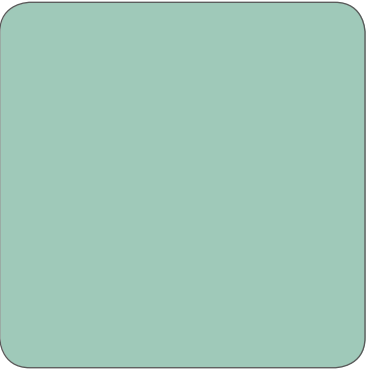
101



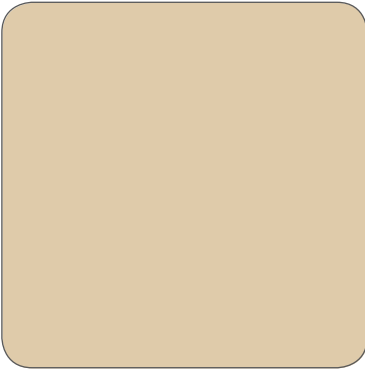
102



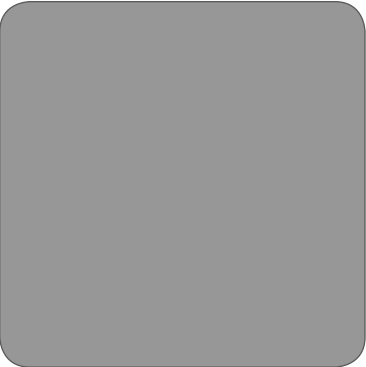
103



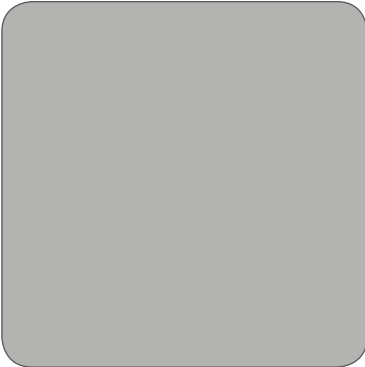
104



105



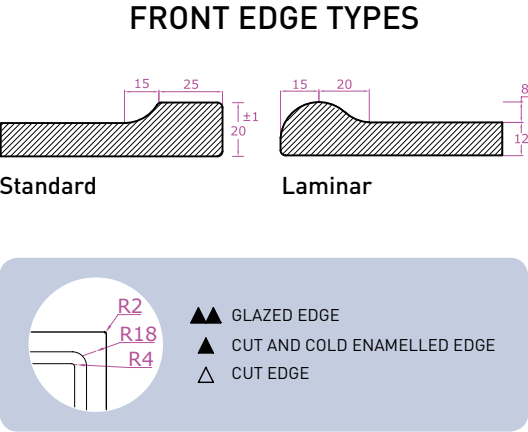
107



008

Effective and long lasting, simple microbiological sanitation even using detergents with low environmental impact. High resistance to acid, bases and organic solvents. Wide range of solutions, glossy colours and sizes. The BIO-LOGIC new range is the glazed work surface which provides a universal ultimate performance in the chemical, biological and health laboratory environment.

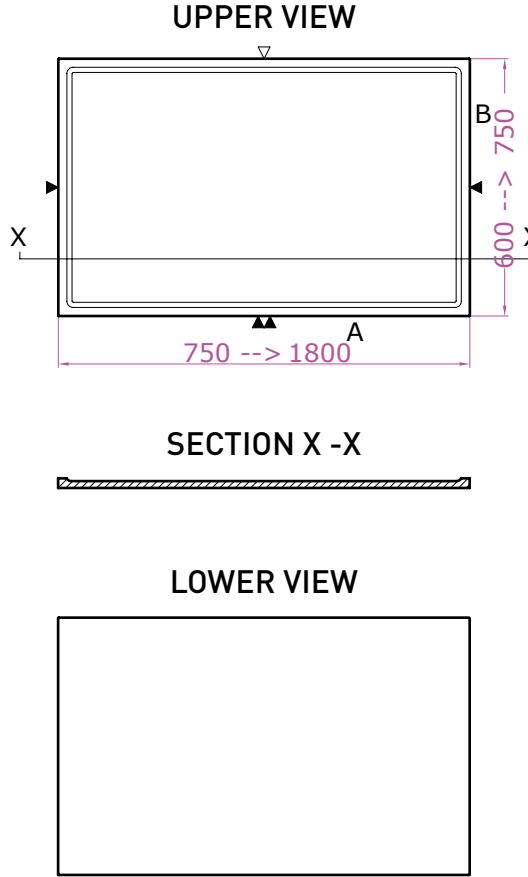
Bio-logic Worktops H 20mm Marine Edge



CODE	A (mm)	B (mm)	kg
CCHR F23	750	600 / 700	13 / 15
CCHR G23	900	600 / 750	15 / 18
CCHR A23	1200	600 / 750	19 / 24
CCHR B23	1500	600 / 750	24 / 30
CCHR C23	1800	600 / 750	29 / 35
CCHR D23	2000	600 / 750	33 / 38

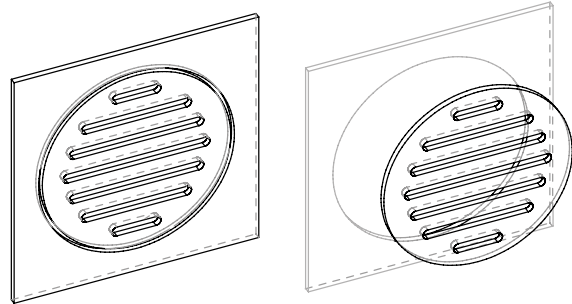
MONOLITE IPERGRES® stoneware mixture is exclusive: structural, chemical and tactile high performance. Each raw material is absolutely sustainable and free of any harmful substance.

BIO-LOGIC WORKTOPS are ultra thin but high resistant, optimized for medium mechanical stresses working conditions. The product features a rim against overflows along all four sides.

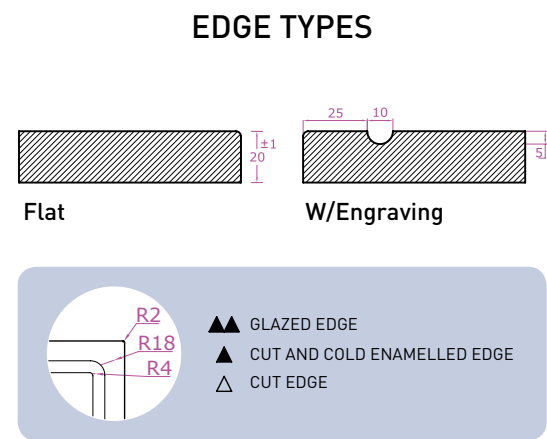


HIGH-TECH HOOD glazed surfaces have a thickness of only 10 mm and they can be used as acid-resistant inner coatings of hoods.

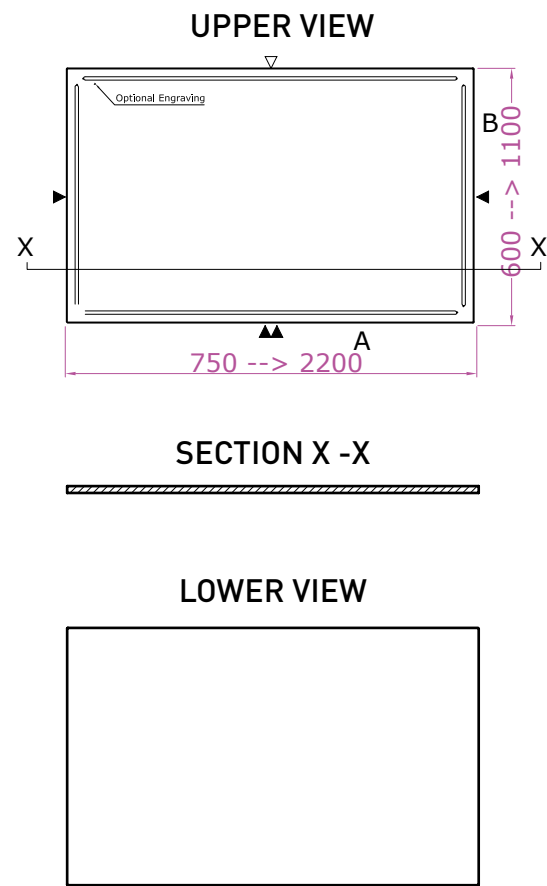
Panels can be shaped and cut to size with the water jet technology so that to have openings, of any shape and size, to allow the hood the proper flow of suction.



Eco-logic Worktops H 20mm Flat Superlight



CODE	A (mm)	B (mm)	kg
031	750	600 / 750	18 / 22
	900	600 / 750	22 / 27
	1200	600 / 750	29 / 36
	1500	600 / 750	36 / 45
	1800	600 / 750	43 / 54
	2000	600 / 750	48 / 60
	2200	600 / 750	53 / 66

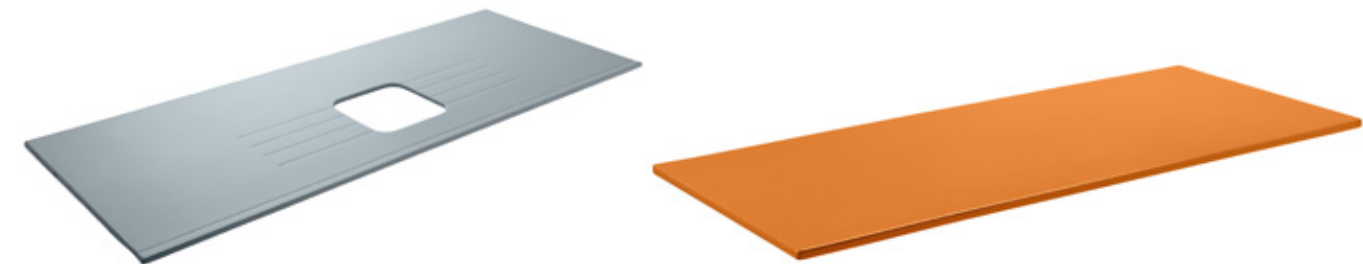


MONOLITE IPERGRES® worktops can be manufactured also in a completely flat version. This kind of slab, 20 mm thick, can be supplied as a unique top of up to 2200 x 1100 mm.

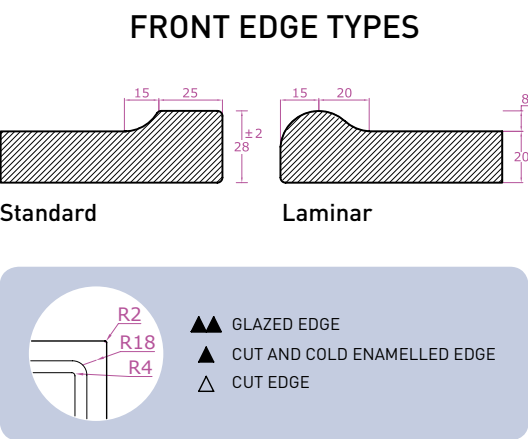
In order to reach a non-standard or very long working surface, worktops can be cut to size and all the rims, standard or not, will tidely and nicely match.

H 20mm worktops are available either completely flat or with an optional engraving against overflow on some or all sides as customer needs. Details of the engraving in the drawings on the left.

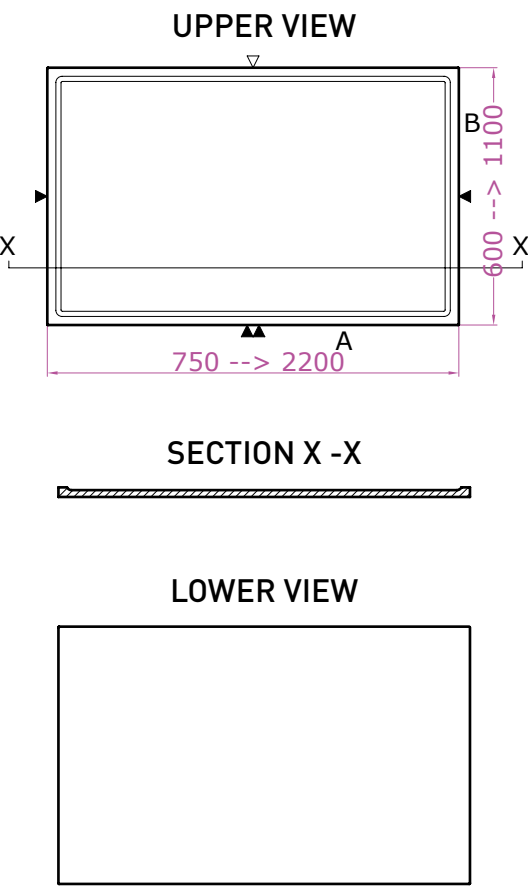
Worktops made of technical ceramic have geometric features tolerances respecting **DIN 12916**.



Eco-logic Worktops H 28mm Marine Edge



CODE	A (mm)	B (mm)	kg
CCHR F03	750	600 / 750	21 / 26
CCHR G03	900	600 / 750	25 / 31
CCHR A03	1200	600 / 750	33 / 40
CCHR B03	1500	600 / 750	41 / 50
CCHR C03	1800	600 / 750	48 / 60
CCHS D03	2000	600 / 750	54 / 66
CCHR P03	2200	600 / 750	60 / 73

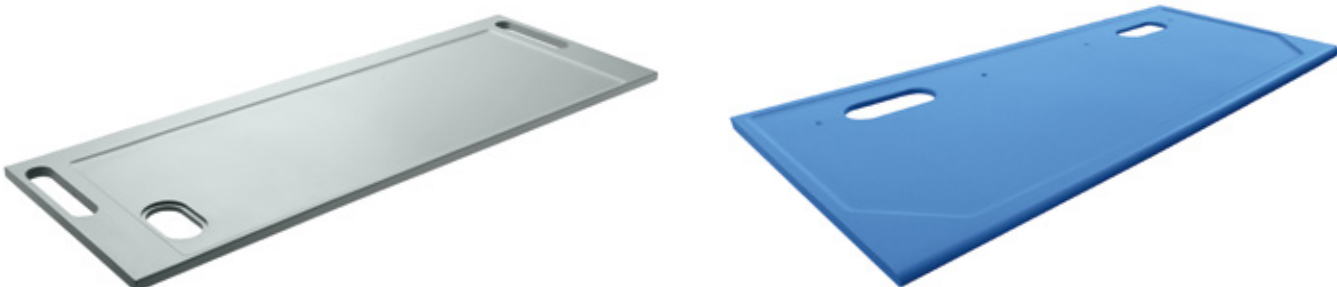


LARGE WORKTOPS

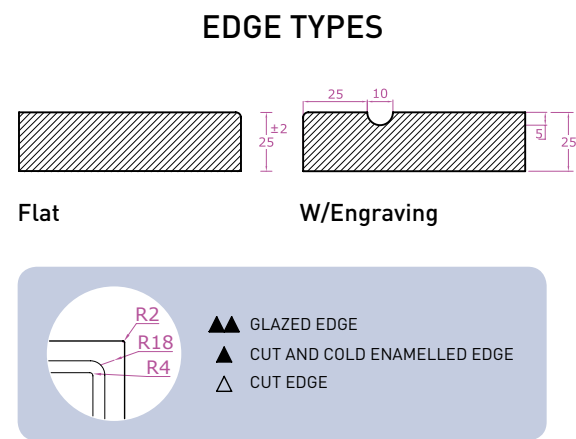
CODE	A (mm)	B (mm)	kg
CCHR G05	900	850 / 900	35 / 37
CCHR A05	1200	850 / 900	44 / 47
CCHR B05	1500	850 / 900	55 / 59
CCHR C05	1800	850 / 900	68 / 72
CCHS D05	2000	850 / 900	73 / 78
CCHS D05	2000	1000	88
CCHS D05	2200	1100	107

Lenght, depth and marine edge can be also tailor-made. Simply send us your Autocad drawings!

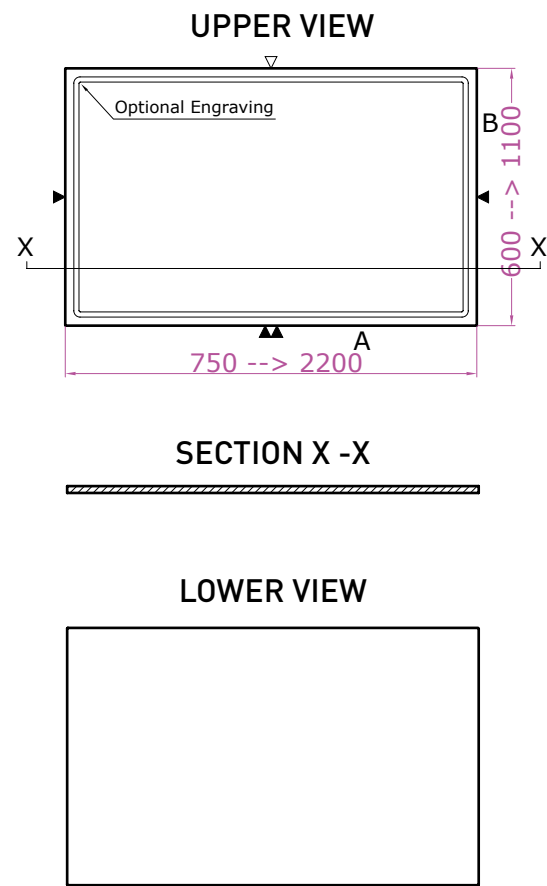
Worktops made of technical ceramic have geometric features tolerances respecting **DIN 12916**.



EU Worktops H 25mm Flat Light



CODE	A (mm)	B (mm)	kg
231	750	600 / 750	19 / 23
	900	600 / 750	23 / 28
	1200	600 / 750	30 / 38
	1500	600 / 750	38 / 48
	1800	600 / 750	46 / 58
	2000	600 / 750	50 / 63
	2200	600 / 750	56 / 69

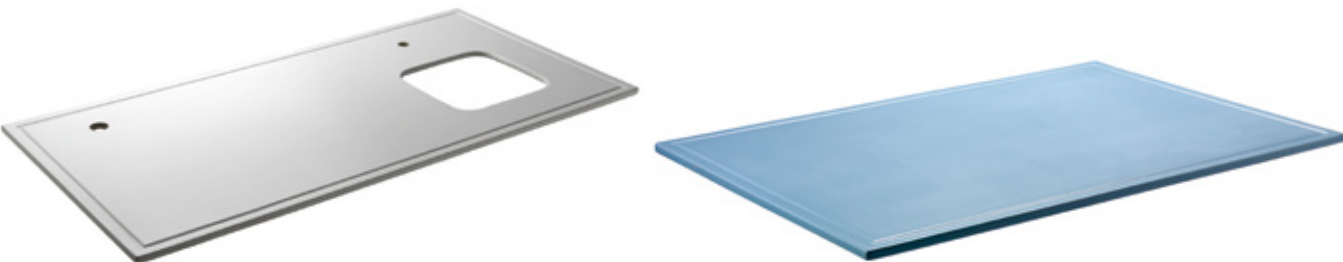


MONOLITE IPERGRES® worktops can be manufactured also in a completely flat version. This kind of slab, 25 mm thick, can be supplied as a unique top of up to 2200 x 1100 mm.

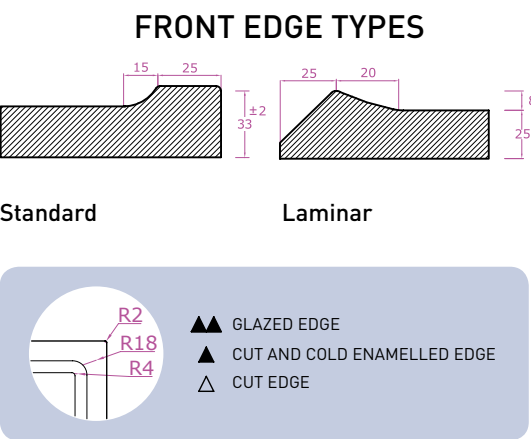
In order to reach a non-standard or very long working surface, worktops can be cut to size and all the rims, standard or not, will tidely and nicely match.

H 25 mm worktops are available either completely flat or with an optional engraving against overflow on some or all sides as customer needs. Details of the engraving in the drawings on the left.

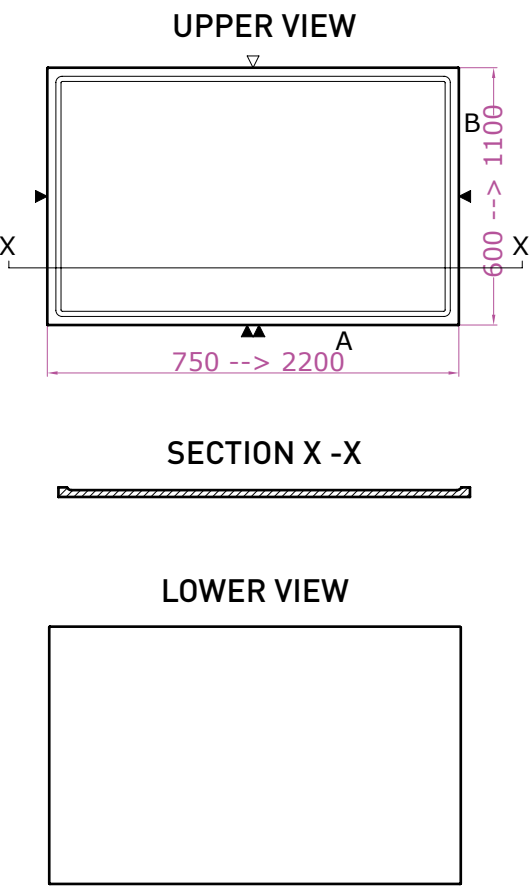
Worktops made of technical ceramic have geometric features tolerances respecting **DIN 12916**.



EU Worktops H 33mm Marine Edge



CODE	A (mm)	B (mm)	kg
CCHR F23	750	600 / 750	22 / 27
CCHR G23	900	600 / 750	26 / 32
CCHR A23	1200	600 / 750	34 / 42
CCHR B23	1500	600 / 750	42 / 52
CCHR C23	1800	600 / 750	50 / 62
CCHS D23	2000	600 / 750	56 / 69
CCHR P23	2200	600 / 750	63 / 76

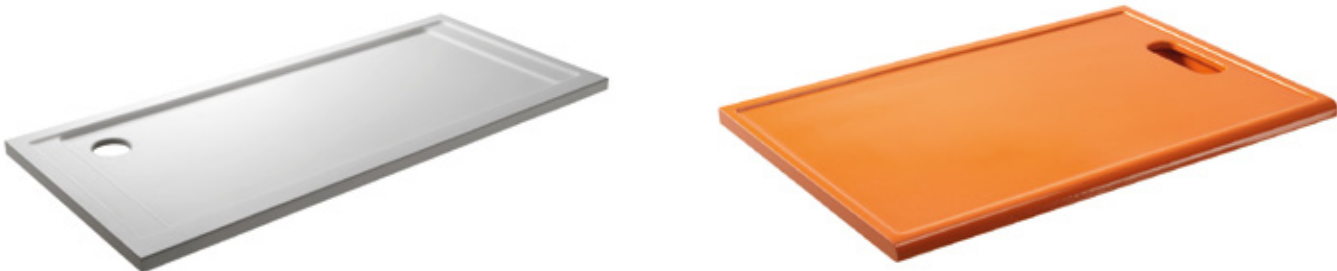


LARGE WORKTOPS

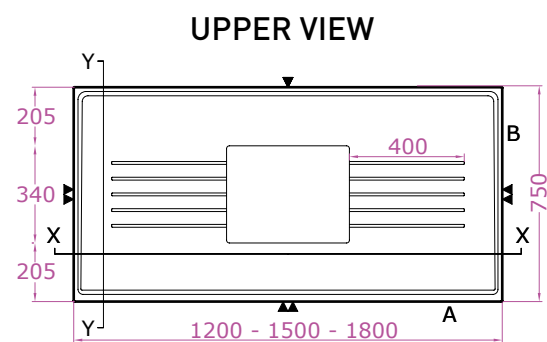
CODE	A (mm)	B (mm)	kg
CCHR G25	900	850 / 900	34 / 39
CCHR A25	1200	850 / 900	45 / 49
CCHR B25	1500	850 / 900	56 / 61
CCHR C25	1800	850 / 900	67 / 74
CCHS D25	2000	850 / 900	76 / 80
CCHS D25	2000	1000	92
CCHS D25	2200	1100	112

Lenght, depth and marine edge can be also tailor-made. Simply send us your Autocad drawings!

Worktops made of technical ceramic have geometric features tolerances respecting **DIN 12916**.

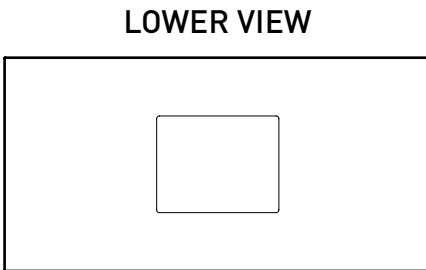


Monoblock - Worktops

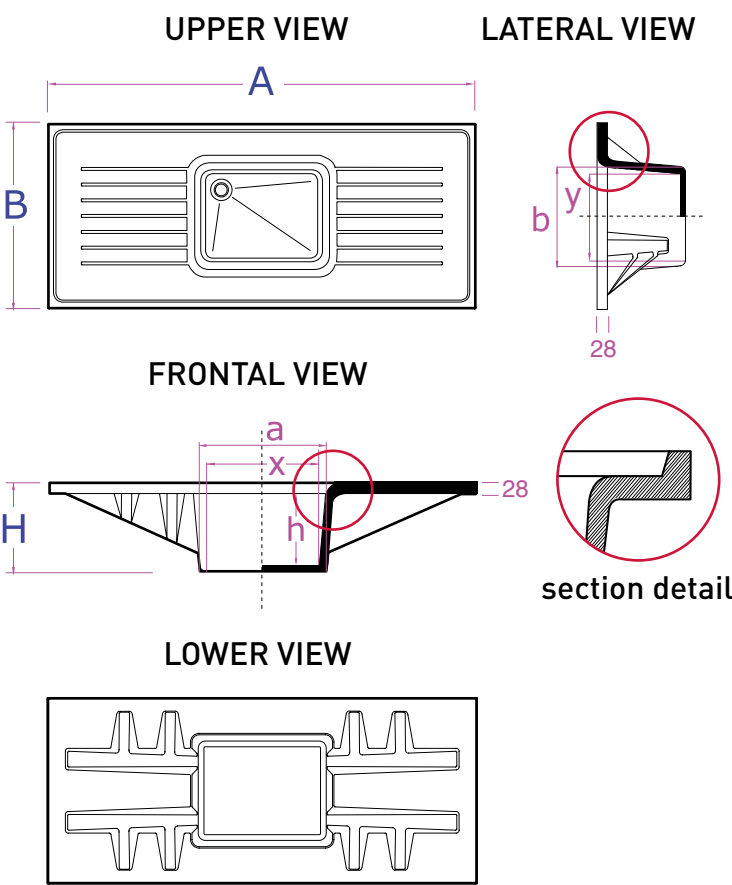


CODE	A (mm)	B (mm)	H (mm)	h (mm)	kg
CCHR A33	1200	750	70	28	35
CCHR B33	1500	750	70	28	45
CCHR C33	1800	750	70	28	55

CUTTING EDGE PROTECTION
Monoblock Worktops with ultra-protective perimeter edge. Sinks, drainings and fittings on customer's drawings.



Monoblock - Sinks



CODE	A	B	H	a	b	h	x	y	kg
CCH RMB	1500	750	300	490	390	250	410	310	70
CCH RMB	1500	650	300	490	390	250	410	310	60
CCH RMC	1800	750	300	490	390	250	410	310	85
CCH RMC	1800	650	300	490	390	250	410	310	75

The **MONOBLOCK** range of sink is designed to have no junctions between the two elements: worktop and sink. A solution that eliminates the most critical area for potential accumulation of dirt where contamination from bacteria and germs can generate. Effective, long lasting and simple sanitation even using detergents with low environmental impact.

The connection between the sink and the worktop is smooth so to maximize the useful dimensions of the sink opening and to eliminate potential breakages of fragile edges during use.

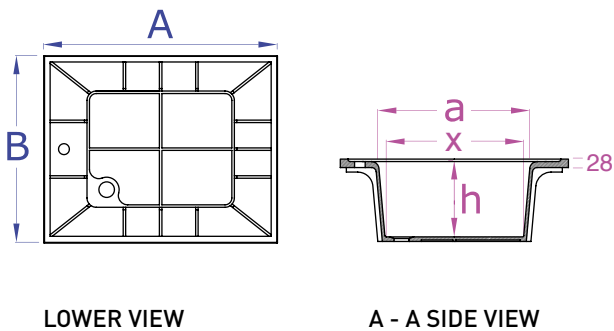
An optimized geometric solution of the load-bearing elements has been designed to obtain the support of worktop suspended parts. To contain the additional weight and maximize the load-bearing effect of the cantilevered parts, the section of the load-bearing elements is made of "boxed profiles".

To optimize weight versus maximum load-bearing effect of all the parts of product, the fluidity and capability to homogeneously fill very thin sections of **MONOLITE IPERGRES®** technical ceramic have been exploited to the full.

The worktop features a "Marine" rim against overflows along all four sides. An absolutely innovative design solution for a "head bench" of a complex layout of worktops. A double draining helps the easy drainage of the drain water into the sink.

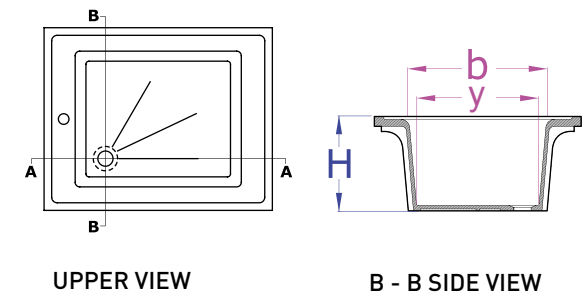


Mammut - Sinks



MAMMUT COLLECTION
FREE STANDING SINK

CODE	A	B	H	a	b	h	x	y	kg
CCH MF	600	750	270	430	530	250	350	450	27
CCH MF	750	750	270	530	530	250	450	450	31
CCH MG	900	750	270	750	550	250	600	400	36
CCH MA	1200	750	270	950	550	250	730	330	45

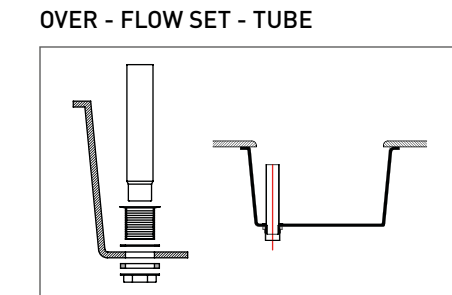


The **MAMMUT** range of sink is designed to have no junctions between the two elements: worktop and sink. A solution that eliminates the most critical area for potential accumulation of dirt where contamination from bacteria and germs can generate. Effective, long lasting and simple sanitation even using detergents with low environmental impact.

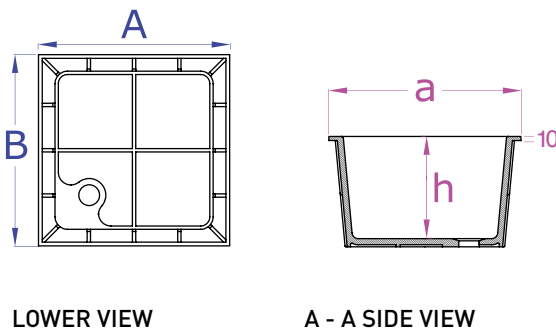
The connection between the sink and the worktop is smooth so to maximize the useful dimensions of the sink opening and to eliminate potential breakages of fragile edges during use.

The worktop features a "Marine" rim against overflows along all four sides.

The product walls together with vertical ribs perform a structurally supporting function for the worktop, improving its dimensional stability and flatness. To optimize weight versus maximum load-bearing effect of all the parts of product, the fluidity and capability to homogeneously fill very thin sections of **MONOLITE IPERGRES®** technical ceramic have been exploited to the full.

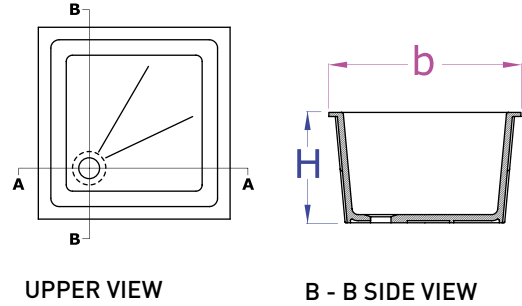


EU - Sinks



SINKS EXTERNAL OVERFLOW

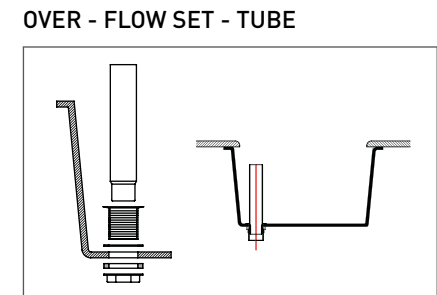
CODE	A	B	H	a	b	h	kg
CCHA	470	470	270	400	400	250	14.5
CCHA	570	470	270	500	400	250	16.0
CCHA	670	470	270	600	400	250	18.5
CCHA	870	470	270	800	400	250	24.0



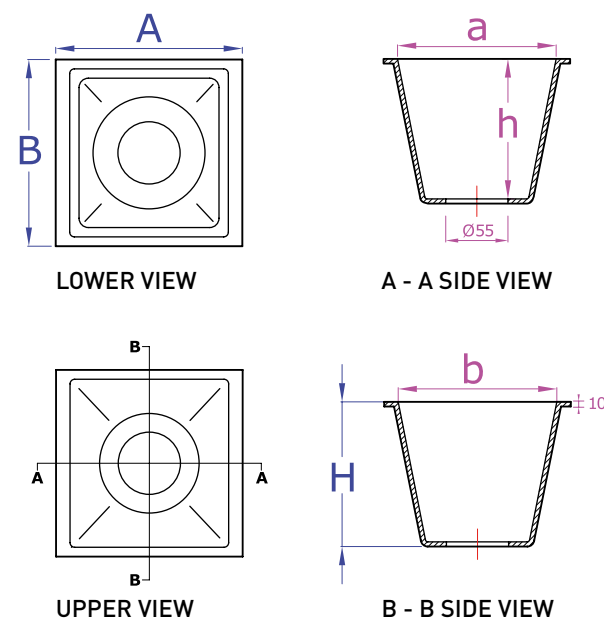
The **EU** range of sink is designed to ensure high mechanical performance of use, maximum load that the bottom can withstand, but be as light as possible according with the constraints of the production technology.

The sinks wall thickness is about 10 mm. To keep these thin walls dimensionally stable, structural ribs are introduced. Sink walls together with vertical ribs perform a structurally supporting function for the really thin upper frame, improving its dimensional stability and flatness.

To optimize weight versus maximum load-bearing effect of all the parts of the sink, the fluidity and capability to homogeneously fill very thin sections of **MONOLITE IPERGRES®** technical ceramic have been exploited to the full.



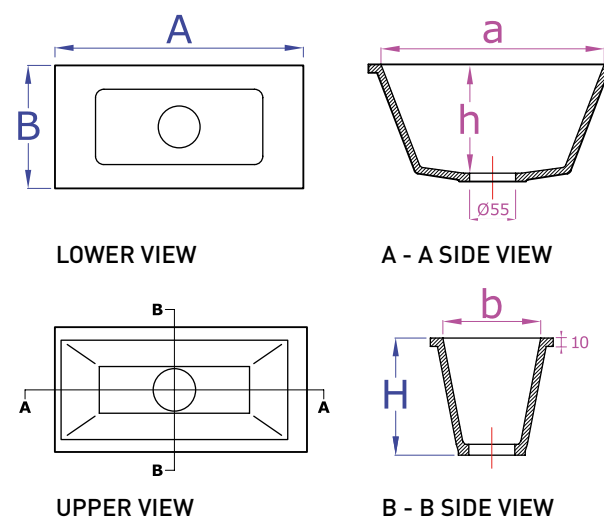
Small Sinks



SQUARE AND ROUND SINKS

CODE	A	B	H	a	b	h	kg
CCHA P	100	100	100	85	85	90	0,6
CCHA Q	150	150	140	120	120	120	1,2
CCHA A	170	-	110	130	-	90	0,9
CCHA C	300	300	200	255	255	180	5,5

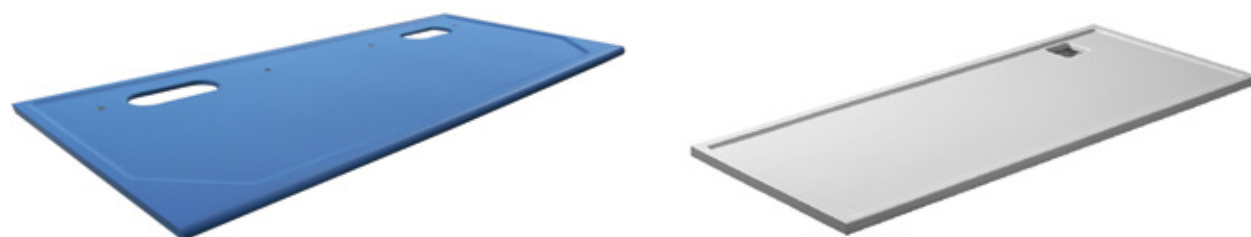
ON TOP - FLUSH - UNDER TOP MOUNTING



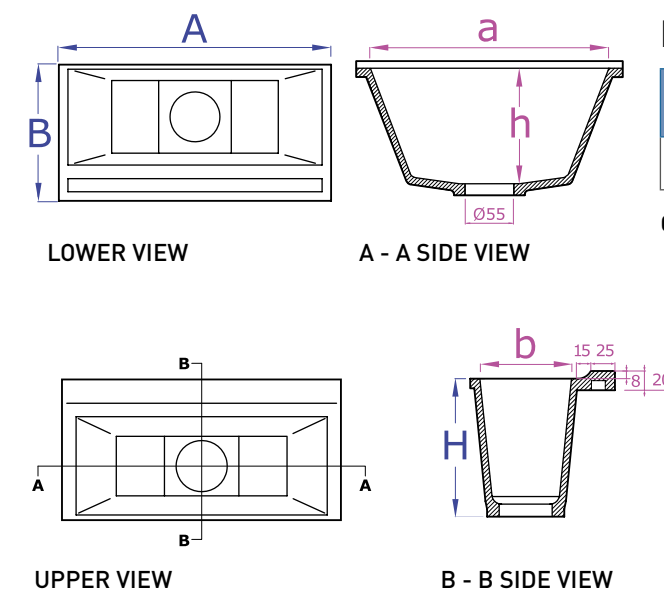
RECTANGULAR SINK

CODE	A	B	H	a	b	h	kg
CCHA B	300	150	140	260	115	125	2,5

ON TOP - FLUSH - UNDER TOP MOUNTING



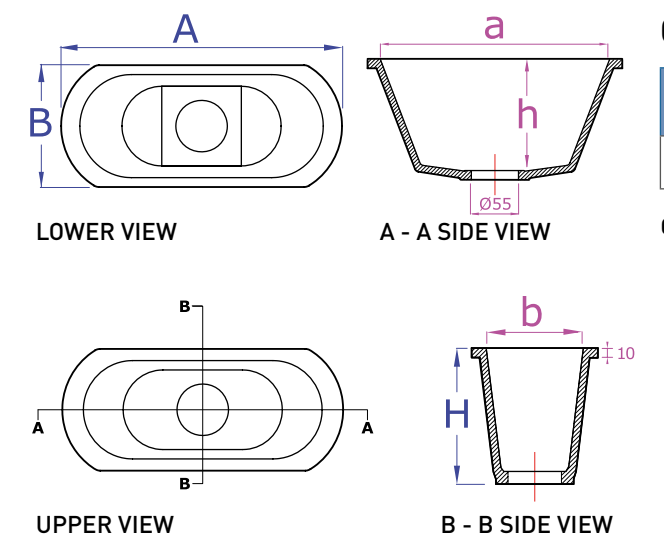
Special Small Sinks



RAISED EDGE AT REAR SINK

CODE	A	B	H	a	b	h	kg
CCHA R	300	150	143+8	270	95	130	2,0

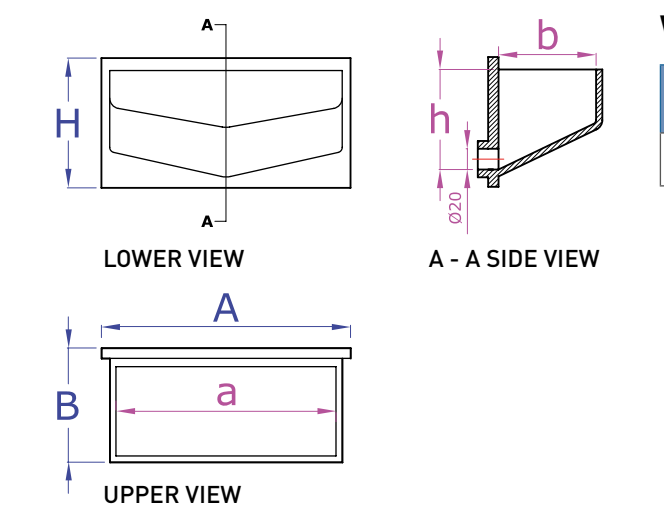
ON TOP - FLUSH - UNDER TOP MOUNTING



OVAL SINKS

CODE	A	B	H	a	b	h	kg
CCHA O	300	130	145	255	105	130	1,4

ON TOP - FLUSH - UNDER TOP MOUNTING

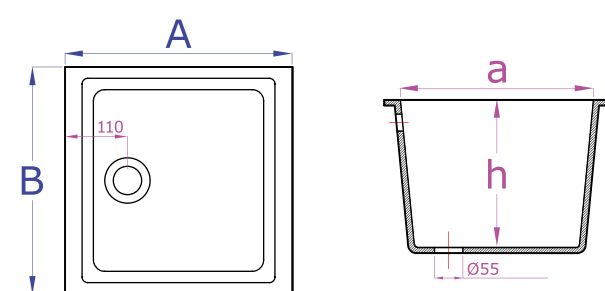


WALL-MOUNTED SINK

CODE	A	B	H	a	b	h	kg
CCHA W	240	115	125	210	90	90	1,5



Square Sinks



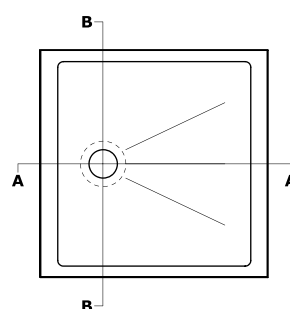
LOWER VIEW

A - A SIDE VIEW

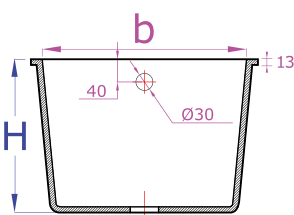
SQUARE SINKS EXTERNAL OVERFLOW

CODE	A	B	H	a	b	h	kg
CCHA C	300	300	200	255	255	180	5,5
CCHA D	400	400	250	335	335	230	9,5
CCHA G	450	450	250	380	380	240	13,0

ON TOP - FLUSH MOUNTING

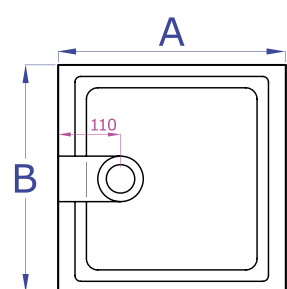
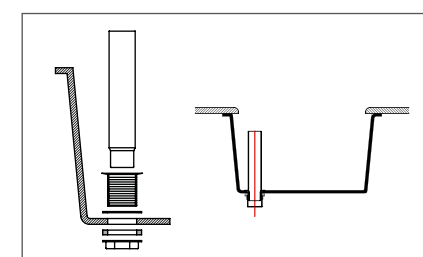


UPPER VIEW

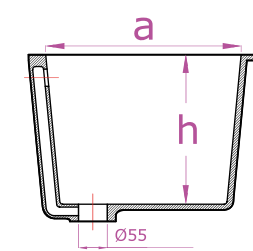


B - B SIDE VIEW

OVER - FLOW SET - TUBE



LOWER VIEW

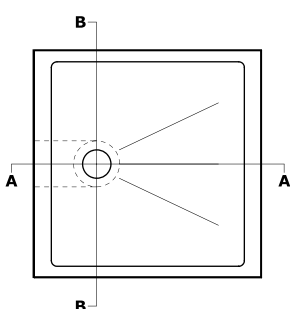


A - A SIDE VIEW

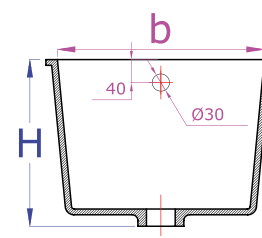
SQUARE SINKS INTEGRATED OVERFLOW

CODE	A	B	H	a	b	h	kg
CCHA D	400	400	290	335	335	230	10,0
CCHA G	450	450	290	380	380	240	13,5

UNDER TOP MOUNTING



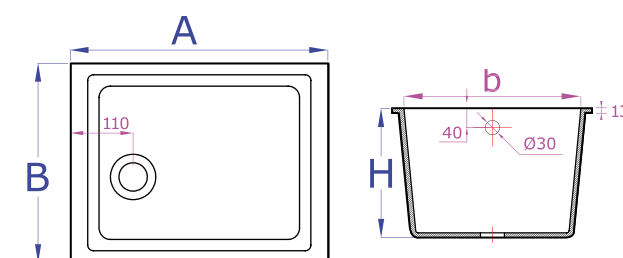
UPPER VIEW



B - B SIDE VIEW



Rectangular Sinks



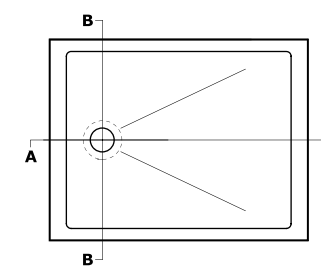
LOWER VIEW

B - B SIDE VIEW

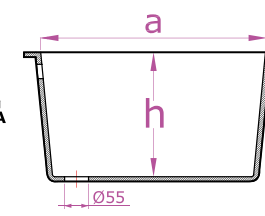
RECTANGULAR SINKS EXTERNAL OVERFLOW

CODE	A	B	H	a	b	h	kg
CCHA E	540	450	270	470	370	250	13,5
CCHA F	645	450	270	570	370	250	17,0

ON TOP - FLUSH MOUNTING

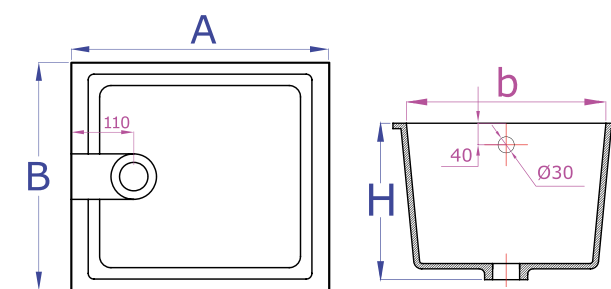
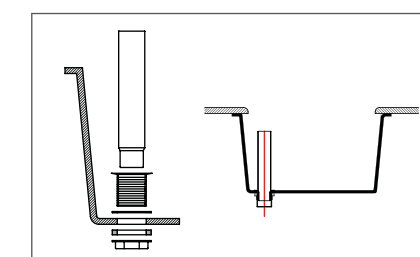


UPPER VIEW



A - A SIDE VIEW

OVER - FLOW SET - TUBE



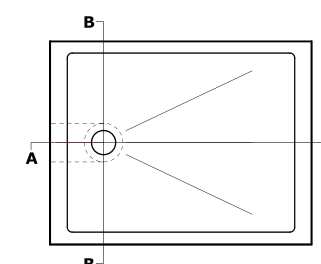
LOWER VIEW

B - B SIDE VIEW

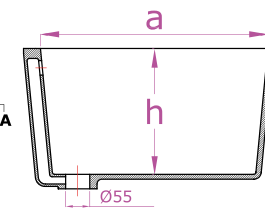
RECTANGULAR SINKS INTEGRATED OVERFLOW

CODE	A	B	H	a	b	h	kg
CCHA E	540	450	310	470	370	250	14,0

UNDER TOP MOUNTING



UPPER VIEW

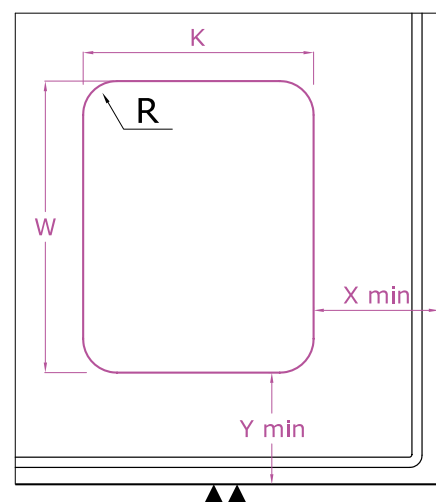


A - A SIDE VIEW



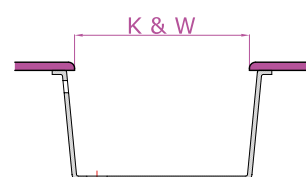
Sinks - Under Top mounting

UNDER TOP MOUNTING



- ▲▲ GLAZED EDGE
- ▲ CUT AND COLD ENAMELLED EDGE
- △ CUT EDGE

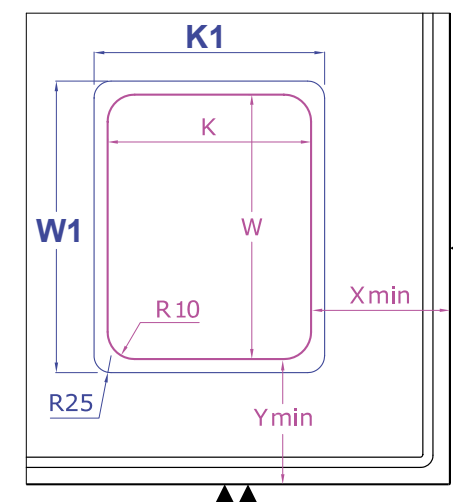
UNDER TOP



These types of sinks must be fixed on the lower side of a worktop. The sink hole has glazed edges and its dimensions are a bit smaller than the sink ones; this allows an excellent drainage of liquids into the sink. The sinks can be sealed using permanently elastic silicone and they have an unglazed frame to improve silicone bonding. Permanently silicone sealing makes easy a later disassembling of the sink. In order to optimize packing and transportation costs sinks are normally supplied as detached parts. It is possible to assemble the sinks on the worktops before the dispatch.

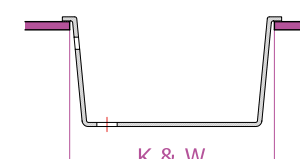
Sinks - On Top and Flush mounting

ON TOP & FLUSH MOUNTING

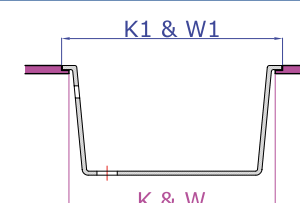


- ▲▲ GLAZED EDGE
- ▲ CUT AND COLD ENAMELLED EDGE
- △ CUT EDGE

ON TOP



FLUSH MOUNTED



These types of sinks provide for coupling with the work surface on site. This feature can facilitate and speed up the activity of the assembly of worktops. These sinks have a glazed frame and can be mounted in two way: **Top-mounted & Flush-mounted**. Sinks are **Top-mounted** in Water Jet cut shaped holes, so with unglazed edge. Sinks are **Flush-mounted** in a stepped and shaped holes. If the hole is machined by a CNC milling machine, its edge is unglazed. The external profile of the glazed sink frame can be adjusted to measure by a Water Jet cut.

CODE	W	K	X min.	Y min.	R
Small sinks					
100x100	75	75	50	50	20
150x150	110	110	50	50	20
Ø 170	120	-	50	50	-
300x130	245	80	60	60	50
300x150	245	100	60	60	50
Square sinks					
300x300	240	240	70	70	50
400x400	325	325	80	80	50
450x450	350	350	90	90	50
Rectangular sinks					
540x450	440	350	120	120	50
645x450	540	350	120	120	50
EU sinks					
400x400	370	370	90	90	20
500x400	470	370	120	120	20
600x400	570	370	120	120	20
800x400	770	370	120	120	20

CODE	W	K	X min.	Y min.	W'	K'
Small sinks						
100x100	90	90	50	50	110	110
150x150	140	140	50	50	160	160
Ø 170	160	-	50	50	180	-
300x130	265	120	60	60	310	140
300x150	285	140	60	60	310	160
Square sinks						
300x300	285	285	70	70	310	310
400x400	360	360	80	80	410	410
450x450	410	410	90	90	460	460
Rectangular sinks						
540x450	500	410	120	120	550	460
645x450	605	410	120	120	655	460
EU sinks						
400x400	440	440	90	90	480	480
500x400	540	440	120	120	580	480
600x400	640	440	120	120	580	480

