Ceramic
plus

Technical Gres
Fire resistance

Worktop/Surface
Technical Gres
for laboratory

Ceramic plus

Thanks to its pore-free surface **CERAMIC PLUS** Technical Ceramics offers a unique combination of chemical, temperature, scratch and abrasion resistance.

Maximum safety

Technical ceramics offer exceptional safety in laboratory environments due to their chemical inertness, heat resistance, and non-toxic composition. Their non-porous surface prevents contamination, while their durability minimizes risks associated with breakage or wear.

Chemical Resistance

Completely resistant to acids, bases, solvents, and aggressive chemicals. Unlike metals or polymers, they do not corrode, dissolve, or degrade when exposed to harsh substances.

Thermal Stability

Can withstand extreme temperatures (over 1,000°C in some cases) without warping, melting, or cracking. Ideal for high-temperature applications such as furnaces, autoclaves, and thermal processing.

Mechanical Strength

Highly resistant to scratches, abrasions, and impact, ensuring long-term performance. Does not deform under mechanical stress, making it suitable for heavy-duty laboratory applications.

Characteristics:

Flat & Limited Silp worktop Produced as single pieces it can be used for large work surfaces up to 1800*900*20mm, It is non-flammable (Euro-class A1) and frost proof.resistant to abrasions, scratches, or grooves caused by contact with sharp object. certified and manufactured according to standards: **SEFA3-2010, DIN 12916, EN ISO 1054, UL 94:2015 and ASTM D790-17.**

COLOR
OPTIONS

In Stock

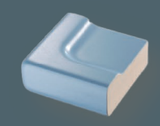
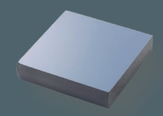
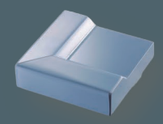
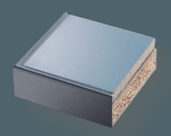
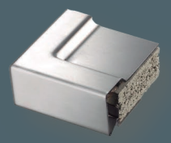
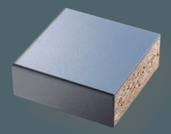
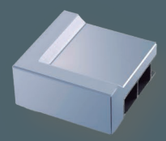
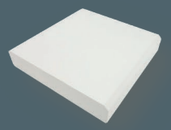
Light Grey | Blue | Violet | Black | Spotted Grey

Made in **PRC**
Adopted the local ceramic glaze in China, combined with the special Italian traditional production process to manufacture high performance products, with efficient and economical working procedure.

Ventajas

- Easy to clean
- Abrasion resistant
- Flame retardant
- High temperature resistant

HOLCIM
261,4 Sqm

Worktops Selection Guide

Example N°		NAME OF SURFACE SAMPLE OR MATERIAL TESTED									NAME OF SURFACE SAMPLE OR MATERIAL TESTED										
		CERAMIC				PREMIUM COMPOSITE					COMPOSITES				OTROS MATERIALES						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
No.	CHEMICAL REAGENT	**Technical Ceramics (GRES)**	KS-12 Ceramic glossy enamel	KS-12 Ceramic mat enamel	Quarella ceramic	Sloplast plastic	Trespa Top Lab	**Phenolic Fundermax** MAX RE	Labolam plastic	Isomax plastic	Wilsonart phenolic	Polypropylene	**Superficie Solida Cortex**	Glassfiber Reinforced Plastic	**Durcon epoxy Compound**	Lexan polycarbonate	Stainless steel	Varnished Metal	Glossy laminate	Mat laminate	Chemlam melamine (Formica)
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.	Diclorobutane																				
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°																				

The information provided is derived from publicly available data on various solid working surfaces, supplemented by bibliographic reviews and technical details sourced from chemical and physical resistance databases related to their components. Additionally, these insights are supported by years of hands-on experience and extensive research conducted by **NORLAB** on these worktops.

Non-visible effect

Stain slightly visible

Stain

Noticeable cracks on the surface