

Tecnoril[®]



Solid surface material 100% acrylic, characterized by a high whiteness and the ability to maintain its purity unaltered over time, without yellowing. The natural, soft and warm surface conveys a pleasant sensation to the touch. Thanks to the intrinsic peculiarities of the material and the production process, Tecnoril[®] has great elasticity which translates into considerable resistance to impact and thermal shock.



Surprising to the touch

It gives a warm and pleasant tactile sensation similar to natural surfaces



Durable over time

Color unalterable by light, high resistance to stains, scratches and molds.



Pleasant to the eye

The cold curing process allows creations with uid shapes and absence of joints



Restorable

Damages or scratches can be easily removed or repaired.



Freely malleable

The exclusive production technologies ensure total freedom of design.



Easily workable

It can be cut, drilled, milled, planed or inlaid with normal wooden tools.



Hygienic and easy to clean

The surface can be cleaned with a soft cloth and water, it is suitable for contact with food.

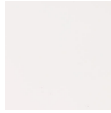


Non-toxic

It does not release vapors, if burned it is not toxic, it is disposed of with domestic waste.

Finishes and textures

Smooth finish (matte)



T9003

Technical features

Property	Test	Typical Results	Unit of measure
Density	DIN ISO 1183	1.76 ± 0.02	g / cm ³
Flexion module	EN ISO 178: 2010	9060 ± 260	MPa
Flexural Strength	EN ISO 178: 2010	64.1 ± 1.6	MPa
Impact resistance (<i>Charpy</i>)	EN ISO 179-1: 2010	4.1 ± 0.6	kJ / m ²
Impact resistance (<i>sphere</i>)	EN ISO 19712-2: 2013	175 ± 10	cm
Hardness (<i>Barcol</i>)	UNI EN 4278	58 ± 3	HBa
Resistance to bacteria and fungi		It does not develop the growth of bacteria and fungi	n ° of colonies
Contact with food (Global migration)	UNI EN 1186: 2003	Σ <1.5 (Suitable, non-toxic)	mg / dm ²
Coefficient of thermal expansion	TMA ASTM 831: 2012	Σ 0.030	mm / m / ° C
Degree of White		> 96	L (CIE-L, a, b)
Light stability (<i>Xenon</i>)	UNI-EN ISO 4892-2: 2013	5	Scale 1 ÷ 5
Resistance to heat and humidity cycles (60 cycles)	PTP 45: 1995	No flaws	-
Resistance to thermal shocks	EN 14688: 2015	1000	cycles
	EN 13310: 2015		
	EN 14527: 2016	100	cycles
Stain resistance	EN 14516: 2015	100	cycles
	EN 14688: 2015		
	EN 13310: 2015	No flaws	-
	EN 14527: 2016		
EN 14516: 2015			
Fire resistant	FTP Code MSC (61) 67: 1988	Pass	-
Non-slip properties	DIN 51097: 1992	Class A	Class A ÷ C
Dry heat resistance	EN 13310: 2015	No flaws	-
Resistenza ai graffi	EN 14688:2015 EN 13310:2015	41 ± 2	µm
Resistenza all'abrasione	EN 14688:2015 EN 13310:2015	460 ± 10	mg
Conformità di marcatura CE	Conseguita		
Certificazione CSA (Usa e Canada)	Conseguita		

Use and maintenance