

Solid

SOLID in brief

A composite material made up of 2/3 aluminium hydrates, masterfully blended with polyester resins modified with chemical and mechanical high-performance acrylic monomers.

All this yields a material that is homogeneous and uniform throughout its thickness, thanks to an extremely accurate industrial production process that may be, in some ways, still be defined as craft for its thoroughness and meticulous attention to detail.

The main characteristics of this product are its compactness, resistance to chemical agents and/or solvents and scratch resistance. Moreover, being uniform throughout its thickness, any kind of damage can be easily removed by rubbing the surface with a scouring sponge to renew the surface.

MAINTENANCE

In order to preserve the original surface characteristics of CRISTALPLANT®, please follow the few short and simple rules of good maintenance below.

Daily care

Taking care of CRISTALPLANT® is quick and easy. Clean the surface of CRISTALPLANT® using soapy water or a common detergent to remove most stains and the dirt that may have deposited. Gel detergents and abrasive products are particularly recommended in combination with a scrub sponge of the "Scotch Brite" type. Thoroughly rinse the surface with abundant water. In this way, you can make sure the original distinctive opaque finish of CRISTALPLANT® is safely preserved.

How to prevent damages

This surface is highly resistant to stains, in general. Nevertheless, we do not recommend the use of aggressive chemicals such as acetone, trichloroethylene or strong acids or bases. Some substances such as ink, cosmetics and dyes may stain the surface if in prolonged contact with the material. All stains can however be removed by following the directions below. Cigarette burns can be removed according to the same procedure.

How to remove stubborn stains, scratches and burns

Small surface damage can be restored using a Scotch Brite (3M registered trademark) scrub sponge combined with a common abrasive cleaner. If the damage is still visible, smooth again the area using extra-fine sandpaper.

Suitable products

Detergent creams or powders such as CIF®, VIM® or similar products, which contain micro-granules that scour the surface. Denatured ethyl alcohol can also be used, making sure the surface is then rinsed thoroughly.

UNSUITABLE products

Solvents such as acetone or trichloroethylene and other chemicals such as strong acids (e.g. muriatic acid) or strong bases (e.g. caustic soda) or very aggressive substances for clearing sink drains, solvents used in wall painting etc. Industrial detergents or other products of unknown properties should be first tested on an area that is not visible before applying the product on the entire surface.

Solid
100% customised
100% made in Italy

CHEMICAL RESISTANCE

The surface has been subjected to a 16-hour contact test with staining agents and aggressive substances. Most smudges can be easily removed by cleaning, in some cases specific restoring/repair may be required:

Cleaning: wipe with a sponge and a normal bathroom detergent, or an abrasive sponge (Scotch Brite® type) and scouring cream.

Repair: polish using P320 sandpaper and smooth using a scouring sponge (Scotch Brite® type).

ACE cream gel	Ballpoint pen ink
White vinegar	Permanent ink
Acetone	Iodine 7%
Acetic acid 10%	Sodium hypochlorite 5%
Citric acid 10%	Ketchup
Muriatic acid**	Lysoform®
AJAX®	Crayon
Ethyl alcohol 48%	Mercurochrome 2%**
Denatured ethyl alcohol	Olive oil
Water spots	Zinc oxide (paste)
Ammonia 10%	Hydrogen peroxide 3%
Clay (face mask)	Perfume
Sodium bicarbonate (50% water solution)	Lipstick
Methylene blue 1%	Salt (sodium chloride)
Butyl acetate**	Tomato sauce
Coffee	Soap (household)
Bleach	Cigarette (burn)**
CIF®	Nail polish*
Mouthwash (alcohol-based)	Lemon juice
Toothpaste	Tea
Dishwasher detergent (liquid)	Tincture of iodine
Nail polish remover (acetone-free)**	Hair dye**
Petroleum ether	Toluene
Ethyl acetate**	Urea 6%
Foundation (makeup)	Viakal®
Glycerine	VIM® powder
Sodium hydroxide 5%***	Red wine
Sodium hydroxide 20%***	Gentian violet 1%

*Remove using acetone or nail polish solvent before cleaning.

**This type of stain or smudge requires surface repair.

***To remove this stain or smudge run deep surface repair using P120-220-320 sand paper and then smooth with a scouring sponge (Scotch Brite® type).

This information refers to the current knowledge on the material and may change at any time. This sheet is neither comparable to a guarantee nor to a product certificate.