

## Chemical resistance of Twinson<sup>®</sup> material

Twinson<sup>®</sup> material has been extensively tested on a large number of products that it may come into contact with during its application.

- Is resistant to: This product leaves no permanent mark on the material or the stain disappears in a short space of time after outside exposure.
- Is less resistant to: This product leaves a light mark on the material.
- Is not resistant to: This product leaves marks on the material that remain clearly visible.

### Resistant to

Floor soap + water  
Concentrated bleach solution  
(chlorinated water)  
Concentrated ammonia  
Road salt (for icy roads)  
Weed killer  
household product used to  
clean windows (e.g. Instanet)  
White spirit  
chlorinated water used in  
swimming pools  
dish washing detergents (e.g. Dreft)  
Cement  
Synthetic thinner

Coffee  
Fruit juice  
Coca cola  
Drinking chocolate  
Chalk  
Isobetadine  
Silicone oil (=a silicone  
based lubricant)  
Fuel oil (diesel & petrol)  
Lubricants based on  
petrol derived products  
(liquid & solid)  
Graffiti cleaner

### Less resistant to

Butter  
Milk  
Sun cream  
Vinegar  
Red wine  
Ketchup  
Candle wax  
Cement cleaner

### Not resistant to

silicone (= a silicone  
based sealant)  
Acrylic paint  
Synthetic paint  
Shoe polish  
Felt-tip  
Lipstick  
PVC glue  
Strong acids  
Strong bases  
Acetone

## Cleanability of Twinson<sup>®</sup> material

Remember that any marks should be removed as soon as possible, using water; any mild cleaning product and a sponge. Consult the list below if marks have not disappeared or dried immediately.

Generic name	Product	Special cleaning instructions if not removed immediately (*)
<b>Vegetable, animal and other fats &amp; oils</b>	Butter Milk Yoghurt Olive oil Salad oil Fondue oil Mayonnaise Cocktail saus Frying oil Sun cream Lubricant Motor oil Petrol Heating oil ...	Spray Twinson <sup>®</sup> CLEAN on the mark and rub if desired. Leave to act for a few minutes, then rinse with large quantities of water.
<b>Burns</b>	Cigarettes Charcoal	Lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)
<b>Stubborn food residues</b>	Ketchup Tomato puree Spaghetti sauce Red wine Fruit Instant soup ...	Scrub well with a diluted bleach solution, then rinse with large quantities of water. The use of a pressure washer (***) is recommended to remove stubborn residues.
<b>Sugar-containing soft drinks</b>	Coca cola Fruit juice Soft drinks ...	Scrub well with a diluted bleach solution, then rinse with large quantities of water. The use of a pressure washer (***) is recommended to remove stubborn residues.

<b>Hot drinks</b>	Coffee Tea ...	Scrub well with a diluted bleach solution, then rinse with large quantities of water. The use of a pressure washer (***) is recommended to remove stubborn residues.
<b>General cleaning products</b>	Floor soap Bleach solution ...	---
<b>Special cleaning products</b>	Cement cleaner	Scrub well with a diluted bleach solution, then rinse with large quantities of water.
	Graffiti cleaner	Lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)
	Twinson® CLEAN	---
<b>Organic solvents</b>	Acetone MeCl MEK Trichloroethylene Isopropanol Tetrahydrofuran Diethyl ether ...	Lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)
<b>Acids</b>	Sulphuric acid Nitric acid	Lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)
<b>Bases</b>	Caustic soda Ammonia	Lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)
<b>Paint</b>	Water-based Synthetic	Remove paint with a filling knife and lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)
<b>Hardened materials</b>	Silicone Glue Candle wax	Repeated treatment with Twinson® CLEAN If this treatment is unsuccessful, remove material with a filling knife and lightly sand surfaces with fine sandpaper; a steel brush or steel wool (**)

(\*) If certain marks have not been removed immediately for any reason, they may dry on the surface. They typically fade or disappear after exposure to outside conditions (sun and water).

(\*\*) Sand in the direction of the grooves to prevent unnecessary damage to the surface. By removing the upper layer the original colour as established at installation is acquired. This minor difference will be rectified after no more than 12 weeks by which time the colour will be uniform.

(\*\*\*) Pressure washer (max 100 bar) combined where needed with a mild cleaning product. Always use the water jet in the direction of the grooves, avoiding any turning movements. Note: This must be set on single stream setting and not on multi stream.

## General schema:

