

MONOSIL

USES

MONOSIL is a surface impregnant, which can be applied to concrete, brick stone etc to impart water and oil repellency. This helps protect the substrate from water and oil ingress and enhances freeze thaw resistance whilst enabling easier removal of oil, grease, paint, graffiti etc. It is particularly suited to the treatment of car park decks and other trafficked areas where oil repellency is required.

ADVANTAGES

- EASE OF USE:** Materials are supplied in convenient, ease to handle size. Typically applied by brush or spray in two coats.
- ADVANCED:** Contains a blend of silane, siloxane and synthetic resins to give multi-functional protection.
- SAFE:** Low hazard, water-based product with no flash point. Equipment easily cleaned with water.
- BREATHABLE:** The pores of the substrate remain open and there is minimal effect on water vapour diffusion.
- REPELLENT:** Imparts both oil and water repellency to inorganic substrates. Enhance dirt resistance of low porosity natural stone.
- EASY TO CLEAN** Oil, grease, paint, graffiti, posters, etc. are easier to remove from treated surfaces.

PRODUCT DESCRIPTION

MONOSIL is a mixture of silane, siloxane and synthetic resins, which in its concentrated form, as supplied, imparts maximum water and oil repellency to inorganic substrates, such as concrete, brick, stone, etc. Unlike traditional water-repellents, it offers multi-functional protection from water, oil, grease, paint, etc., thereby enabling easier cleaning and removal of graffiti, posters, etc. It penetrates the surface pores to minimise its effect on the appearance of the substrate and has minimal effect on the water vapour diffusion characteristics. As supplied, the product is ideally suited to the treatment of car-park decks and other trafficked areas, although it may be diluted on-site to provide a more cost-effective solution for the treatment of walls.

TECHNICAL DATA

Basis:	Silane, siloxane and synthetic resin.
Specific Gravity:	1.
Appearance:	Milky white.
Flash Point:	>100°C.
pH (approx.):	6.

APPLICATION DATA

Application Guide available on request.

PREPARATION

The areas to be treated must be air dry, absorbent and free from all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Where necessary, use **FLEXCRETE DEGREASANT** and **FLEXCRETE BIOWASH** as instructed on the individual data sheets. Use techniques capable of achieving the required degree of preparation such as wet grit or water blasting or equivalent approved methods.

COATING

MONOSIL should be applied by brush or spray at a coverage rate of 6-8m²/litre per coat, depending upon surface roughness and porosity. Allow to dry for a maximum of 24 hours before applying a second coat as above. For the treatment of walls, the product can first be diluted 1:1 by volume with clean water, prior to application as above. The hydrophobic and oleophobic effects start to develop within 24 hours and are complete within one week to give maximum water and oil repellency.

STORAGE

Store between 0–30°C away from sunlight in tightly sealed containers.

SHELF LIFE

9 months under the above storage conditions.

IMPORTANT NOTES

- The surface may become discoloured, therefore it is advisable to test the product on an inconspicuous area first.
- Treated surfaces should be cleaned as soon as they have become defaced with oil, grease or paint. Clean surfaces may need re-treating to maintain their performance.

PACKAGING AND COVERAGE

Pack Size: 5 litres.
Coverage: 6-8m²/litre/coat.

SAFETY DATA

Safety Data Sheet available on request.



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