



MONOSIL

Clear Hydrophobic Impregnant

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

- Typically applied by brush, roller or spray in two coats to prevent water ingress.
- Contains an advanced blend of silane, siloxane and synthetic resins to give multi-functional protection.
- 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.
- Imparts oil & water repellency to mineral substrates. Enhances dirt resistance of low porosity natural stone.
- Treated surfaces are simpler to maintain with oil, grease, paint, graffiti or posters easily removed.

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 mineral 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.

APPLICATION DATA

Application Guide available on request.

PREPARATION

The areas to be treated must be air dry, absorbent and free from existing coatings and all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Use techniques capable of achieving the required degree of preparation such as wet grit or water blasting or equivalent approved methods.

PLACING

MONOSIL should be applied by brush, roller 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.

It is advisable to test the product on an inconspicuous area first to check for any change in surface appearance.

CLEANING

All tools should be cleaned with water immediately after use.

SHELF LIFE

2 years if stored between 0-30°C away from sunlight in tightly sealed containers.

TECHNICAL DATA

Appearance:	Milky White
Specific Gravity:	1
Flash Point:	> 100°C
pH (Approx):	6

PACKAGING AND COVERAGE

Pack Size:	5 litres
Coverage:	6-8m ² / litre / coat

SAFETY DATA

Safety Data Sheet available on request.



Flexcrete Technologies Limited

Tomlinson Road

Leyland

Lancashire

PR25 2DY

United Kingdom

Tel: +44 (0) 845 260 7005

Fax: +44 (0) 845 260 7006

Email: info@flexcrete.com

Web: www.flexcrete.com

The information herein is correct to the best of our knowledge, but it does not necessarily refer to the particular requirements of the customer. If the customer has any particular requirements it should make them known in writing to Flexcrete Technologies Limited, and obtain further advice accordingly.



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