

FARAZSIL® NFS SUPER 290

Silane/Siloxane Hydrophobic Treatment

Water Repellent Surface Impregnation

Long Lasting and Strong Protection Against Moisture

Product description

FARAZSIL® NFS SUPER 290 is based on a mixture of silane and siloxane. It is ready to use. **FARAZSIL® NFS SUPER 290** are high quality general purpose water repellent water proofing for impregnating various substrates such as natural and artificial stone, highly alkaline substrates, brick, concrete and in general made of the most frequent materials used in this type of construction.

Features and Benefits

- Strong reduction in water uptake
- Excellent water repellent and consequently:
 - Salt barrier – chlorides dissolved in water are blocked (e.g. road salt and sea water)
 - No corrosion – the reinforcing steel does not rust, as no moisture reaches it
 - No frost damage – greater resistance to freeze/thaw cycles
- **FARAZSIL® NFS SUPER 290** provides a comprehensive and long-lasting protection of construction materials against water intrusion, efflorescence and destruction by water-soluble pollutants as well as against frost damage and the attack of micro-organism.
- Excellent depth of penetration
 - Due to its high penetration ability, **FARAZSIL® NFS SUPER 290** can impregnate the substrate in depth and create a protecting barrier from rain for a long time.
- **FARAZSIL® NFS SUPER 290** does not create a membrane or alter the appearance of the surface; it does not shine, but allows the structural member to breathe.
- The **FARAZSIL® NFS SUPER 290** impregnated surface remains clean because the rainwater does not penetrate the pores, but is repelled, carrying away any stuck dust.
- Does not influence water-vapor permeability
- It minimizes the appearance of salts and damages caused by frost that is frequent in wetted surfaces.
- Excellent chemical resistance
- Resistance to UV light
- Surfaces not rendered shiny or tacky, or caused to yellow

Application Area:

FARAZSIL® NFS SUPER 290 is appropriate for non-absorbent and smooth surfaces such as painted and unpainted metals and stones with low absorption, such as marble, granite and travertine.

FARAZSIL® NFS SUPER 290 is suitable for imparting water repellency to absorbent, porous, mineral building materials. E.g.:

- All kinds of concrete
- Mineral plasters
- Cement Fibreboards
- Sand lime brickwork
- Brick work
- Aerated concrete
- Mineral-based natural and artificial stone
- Mineral Paints

Typical Product Data Property

Appearance	Clear liquid
Density, 25 °C	0.81 g/cm ³
Flash Point	>38 °C
Method of Application	Ready-to-use / spray-brush-polish

Processing

Deposition method of this coating on various surfaces is by using the spray or brushes. The coating method of this product is quite simple, easy, economical and practical.

Before coating, the surface must be cleaned from grease and dust.

Old and flaky paint (if there is) must be removed from the surface through sanding before coating the surface.

Stir the bucket or drum before using.

FARAZSIL® NFS SUPER 290 is ready to use. Apply several coats, wet on wet, until the substrate is saturated. Generally, at least two applications suffice for all substrates.

Storage

2 year shelf life when stored in cool and dry place in closed containers at a temperature of 5-35 °C. Since **FARAZSIL® NFS SUPER 290** reacts with humidity; prolonged contact with air must be avoided. The containers must be hermetically sealed.