

NANO FARAZ SEPAHAN

High Quality

Nano Coating Products

www.nanofaraz.com



**Professional Coatings for
Protecting your Surfaces**

PRODUCT CODE:

NFS-104

- **Water and oil-repellent, stain and graffiti protection**
- **Total protection for all porous building materials**



NFS-104 is a water-dilutable and silicone-based water repellent coating. It is a high quality product for hydrophobic and protection of construction materials. This product is colorless, durable, UV and weather resistant, anti-stain and anti-graffiti compatible with a variety of construction materials, including all surfaces of brick, stone, Thatched, plaster, concrete, cement and wooden buildings.

Processing

Deposition method of this coating on various surfaces is by using the spray, brushes and rollers. The coating method of this product is single-step, quite simple, easy, economical and practical. Before coating, the surface must be cleaned from grease and dust and then, dried

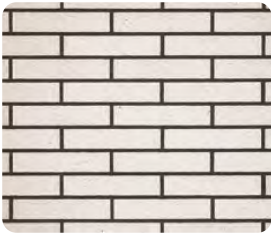
completely. Old and flaky paint (if there is) must be removed from the surface through sanding before coating the surface.

Dilution ratio: Dilute NFS-104 in a ratio of 1:3 with water. Water should be added slowly to the solution while stirring. Then, it is ready to spray or apply by a brush. When using brush or spray, make sure that the surface is completely saturated. It is necessary to repeat the coating after about 20 minutes.

PRODUCT CODE:

NFS-2028IMP

- **Hydrophobic Silicone Impregnating Agent**
- **Water Repellent Treatment with high penetration**
- **Strong Protection Against Moisture**



Key Benefits:

- Hydrophobic protection of masonry and concrete
- 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
- Buildings that have been treated by hydrophobic impregnation have a significantly longer lifespan and thus a low environmental impact over the long term
- Excellent depth of penetration
- High Breathability
- Non Film Forming, Invisible
- Long Lasting & UV Resistant
- Easy Application on Surface
- Water based and environmentally friendly

- Does usually not change the appearance of the substrate.

Processing

Deposition method of this coating on various surfaces is by using the spray or brushes. 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. The surface was completely dried. Dilute NFS-2028 IMP in a ratio of 1:30 with tap water. Water should be added while mixing. When using brush or spray, be sure that the surface is completely saturated. Apply several coats, wet on wet, until the substrate is saturated.

Attention: nanomaterials should not be applied again on the coated and dried surfaces.

PRODUCT CODE:

FARAZSIL® NFS 290

- Silane/siloxane Hydrophobic and water repellent impregnation
- Penetrating nano coating for protection of building facades and construction



Key Benefits:

- Strong reduction in water uptake
- Long Lasting and Strong Protection Against Moisture
- 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
- Does not influence water-vapor permeability
- Excellent chemical resistance
- Resistance to UV light
- Surfaces not rendered shiny or tacky, or caused to yellow

FARAZSIL® NFS 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

Processing

Deposition method of this coating on various surfaces is by using the spray or brushes. The coating method of this product is single-step, 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 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.

PRODUCT CODE:

FARAZSIL[®] NFS SUPER 290

- Silane/Siloxane Hydrophobic Treatment
- Water Repellent Surface impregnation
- Long Lasting and Strong Protection Against Moisture



Key Benefits:

- Effective composition based on Nanotechnology
- For non-absorbent and smooth surfaces such as painted and unpainted metals and stones with low absorption, such as marble, granite and travertine.
- For all natural and artificial stone and painted surfaces
- All types of concrete: standard, reinforced, fibre, high-performance (UHPC, GRC)
- Strong reduction in water uptake
- Excellent water repellency
- Easy-to-clean properties
- High Breathability
- Non Film Forming, Invisible
- Long Lasting, UV and frost resistant
- Excellent depth of penetration
- Efflorescence Prevention

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.

This solution can be used directly, by polishing or brush and spray (depending on the surface). Before use, a small portion of considered surface must be tested.

PRODUCT CODE:

EC-311

■ Hydrophobic and Impregnating Nano Coating for Wood Protection



Key Benefits:

- Preserves wood by repelling water to reduce swelling
- For all wood types, thermowood, MDF and particleboard surfaces
- Prevent water damages
- Penetrates deep into the wood for BEST reducing water uptake
- Enhance wood durability against weathering and aging
- Prevent cracking, decay and erosion of wood
- Retains natural breathability
- Non film forming, invisible
- Easy to apply

Processing

- Before coating, the surface must be clean and dry.
- Before use, shake the solution container well.
- EC-311 is ready to use
- For raw surfaces, just apply the EC-311 with

brush or spray.

- For painted surface spray the solution and then polish the considered surface with a clean cloth.

After coating process let the surface rest up to 72 hours, in order to dry the coating and increase its strength.

PRODUCT CODE:

EC-211

■ Hydrophobic/ Easy to clean Nano-coating for Glass Surfaces



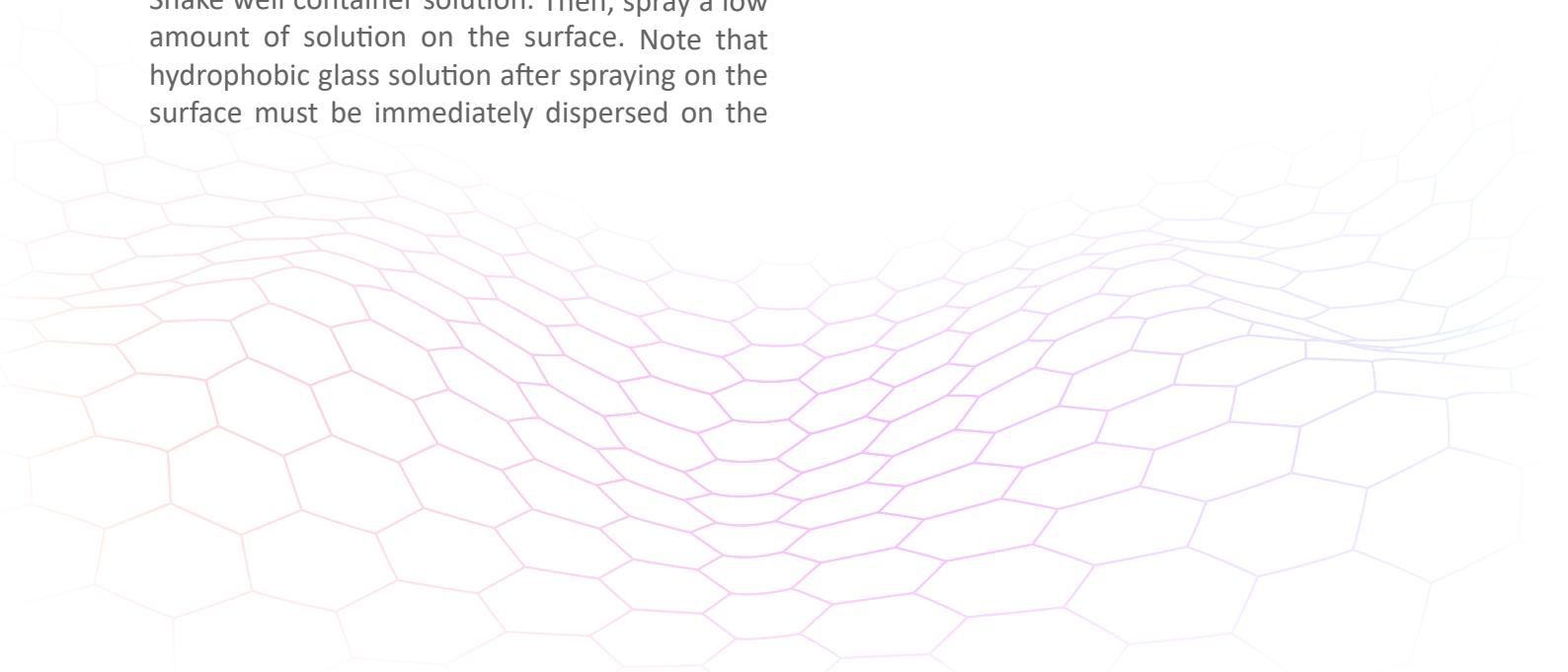
Key Benefits:

- For interior and exterior applications
- Water repellent
- Guttering water on the surface
- Create visibility on wet surfaces
- Clear, colorless liquid
- UV-Stable
- Drastically reduces cleaning frequencies

Processing

First, clean and dry the surface completely. Shake well container solution. Then, spray a low amount of solution on the surface. Note that hydrophobic glass solution after spraying on the surface must be immediately dispersed on the

surface using a clean and dry cloth or sponge. If there is a delay in the solution dispersion, white particles as dandruff may be formed, in which case the coating has not properly been applied. Each liter of this solution covers more than 40 meters of the surface of glass or other smooth surfaces.



PRODUCT CODE:

BIOCLEAN-331

- **Masonry Cleaner and Efflorescence Remover**
- **Industrial cleaning and descaling solution**
- **Environmentally friendly Cleaner for facades and industrial surfaces**
- **Cleans Bricks, Concrete, Stone & Pavers**
- **Removes Efflorescence and Excess Mortar**



Key Benefits:

- Non-Corrosive
- Non-Caustic
- No Solvents
- Biodegradable
- Powerful formulation
- Non-Skin Irritant
- Powerful technology that has proven effective on the hardest cleaning projects
- No Change the color of the substrate
- Eliminate the need to use harsh chemicals
- Reduce labor cost
- Increase life of equipment
- Provide a safer work condition

surface.

Keep the applied surface wet for 20 to 30 minutes. If the surface begins to dry, repeat the cleaner or diluted cleaner with water on the surface to keep the surface wet for the entire 20 minutes.

Then wash the surface with pressure washer jet wash.

Processing

Apply the solution of BIOCLEAN-331 to the surface with a brush or all-plastic sprayer. Note that this solution is not suitable for acid-sensitive surfaces such as metal and stone surfaces.

Never apply BIOCLEAN-331 solution on a hot

PRODUCT CODE:

BIOCLEAN-331PLUS

- Industrial Cleaning and Descaling Solution
- Cleansers of soot, grease, dirt, all kinds of deposits, metal particles and industrial pollutions



Key Benefits:

- Non-Corrosive
- Non-Caustic
- No Solvents
- Biodegradable
- Powerful formulation
- Non-Skin Irritant
- Powerful technology that has proven effective on the hardest cleaning projects
- No Change the color of the substrate
- Eliminate the need to use harsh chemicals

Processing

Pre-Cleaning: If necessary, power wash surface to be cleaned using a commercial grade pressure washer, degreaser and surface cleaner to remove oil and debris.

Apply cleaner to affected areas using a sprayer or brush. Allow the cleaner to react and break down mineral deposits.

While still wet, re-spray and scrub heavy deposits. Scrub with a wire brush.

Rinse treated surfaces with pressure washer. Add water to treated surfaces to dilute and remove the cleaner.

Attention:

Retention time of cleaner solution on the surface varies according to the amount of contamination and dirt (Between 5 minutes to 24 hours).

High Quality

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