TECHNICAL SPECIFICATION
TDS 1B11
Ver.B/03.21

SILAN PROOF

Silan Proof is a ready-to-use, water-based impregnating liquid for waterproofing inorganic surfaces. It is based on new generation solvent free fluorosiloxane / fluorosilane based emulsions. It offers hydrophobicity and oilophobia on porous or slightly porous surfaces, protecting them from dirt, moisture, fungi and mold. It can be applied on all kinds of inorganic surfaces such as natural and artificial stone, concrete, brickwork, plaster, tile joints, gypsum boards, particle boards, etc. Its high hydrophobicity and oilophobia makes it particularly suitable for application on walls, floors and worktops, both household and professional. It is suitable for both indoor and outdoor use and it remains unaffected by UV radiation and adverse weather conditions. It has excellent breathability, impregnates deeply the substrate, it does not create film, leaving the surface aesthetics to which it is applied almost unaffected.

APPLICATION

- *Substrate Preparation*
- Surfaces must be clean and free of loose materials, powders, oils, etc. Particular care must be taken to keep the surfaces completely dry as water prevents Silan Proof from penetrating deeply into the substrate.
  Silan Proof is applied with a brush, roller, or airless gun and is ready to use. Stir the Silan Proof well and apply it evenly over the surface. On horizontal surfaces, 15 minutes after the application, and before it dries make sure to remove excess material with a lightly damp cloth. For application on very absorbent surfaces a second coat is required. Caution: The second coat must be applied before the first one dries (wet on wet). Silan Proof acquires 100% of its properties 48 hours after the application.
- *Application*
  Brush, roller or airless gun. The product is ready to use.
- *Spreading rate*
  10-15 m^2/lt on properly prepared surfaces and depending on the absorptivity of the substrate.
- *Drying time*
  Touch dry after 20-30 minutes. The second coat must be applied before the first coat dries. The drying time depends on the ambient conditions (temperature, humidity).
- *Cleaning of tools*
  Remove as much material as possible from the tools. Clean tools after use with water. Do not empty into drains. The excess material should not be disposed of with household waste. Get advice from local

DRAPA CHEMIE - DRAKOPOYLOS S.A.
Megaridos Ave & Chiou Str, Mavri Yiora Area,
19300, Aspropyrgos, Attiki, Greece
tel: +302105570191, fax: +302105593945
Email: drapa1@otenet.gr, Url: www.drapa.gr
EN ISO 9001:2015, Cert. Nr. 123045
EN ISO 14001:2015, Cert. Nr. GR/002/2015-3

authorities on disposal of waste. Recover unused material for reuse. Reuse can effectively minimize the product's life cycle environmental impact. Minimize waste by calculating the amount you will need.

- *Restrictions*
  Do not apply the product when the ambient temperature and/or the substrate temperature is lower than 5°C.

PACKAGING

Available in plastic pails of 0.75lt, 3lt and 10lt.

STORAGE

Store in a dry and cool place (5°C to 35°C). Keep container tightly closed.

SAFE USE

Avoid contact with eyes. Consult the product's SDS for more information.

TECHNICAL CHARACTERISTICS

- *Binder:* Phtorosiloxane/Phtorosilane emmulsion
- *Drying:* Touch dry after 20 min.
- Viscosity: 25 sec (ford cup No4)
- *Density:* 0.99-1.00 gr/ml.
- *Thinning: Ready to use*
- *Gloss:* Mat.

VOLATILE ORGANIC COMPOUNDS

EU limit value for this product (cat. A/h): 30 g/lt. The product does not contain VOC.

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