



# DEGUARD SHEILD SN

## Solvent Based Non Staining Water Repellant

### Technical Data Sheet

#### Composition and Application Field

Deguard Shield SN is solvent based Silane Siloxane oligomer penetrating sealer with non-film forming (invisible). Deguard Shield SN is formulated to fast surface absorbing to prevent the water and chloride ions from attack to the substrate. Deguard Shield SN allows water vapor to escape from the structure.

Deguard Sheild SN is used to protect limestone, brickwork, concrete, plastered wall and nature stone against water and chloride ions intrusion.

#### Advantages

- Easy to apply by roll, brush or airless spray
- Strong surface penetration
- Non Staining
- Water and chloride resistance
- Invisible film forming
- Insensitive to moisture and temperature
- Reduces efflorescence
- Has good surface penetration
- Applicable to apply on floor and walls
- One component product

#### Surface Preperation

All surfaces should be clean, dry and free from dust and other contaminants. Wet substrates should be dried. Treat oil or grease contamination with degreaser followed by water or steam cleaning. The substrate must be fine textured since.

#### Application Method

Deguard Shield SN is recommended to apply in two coats. Deguard Sheild SN can be applied to prepared pours surface using airless spray, brush or roller. Ensure that the area is completely coated. The second coat can be applied after the first coat has initially dried (typically 1 to 2 hours at 35°C).

#### Coverage

Coverage depends on the absorption of the substrate and the rate will be 5-10 m<sup>2</sup>/liter/coat.

#### Cleaning

Tools and equipment can be cleaned immediately by using Thinner-coat 10 organic solvent.

#### Packing

5 and 55USG

#### Technicals Properties

Appearance	Clear liquid
Density	0.775 ± 0.05
Volume Solids	7.0% ± 5
ASTM D 2823-91	
Application Temperature	12°C to 40°C
Tack Free Time	25 minutes at 35°C
Flash Point	23°C

#### Storage and Shelf Life

Product should be stored at 25°C in dry conditions and keeping away from source of flame. Lasts 12 months in tightly closed container.

#### Flammability

Deguard Shield SN and Thinnercoat 10 are flammable materials, so do not expose to naked flames during application.

#### Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.