



DEGUARD SHEILD SN

Technical Data Sheet

Water Based Non Staining Water Repellant

Product No.WR637

Composition and Application Field

Deguard Shield SN WR637 is a water based Silane Siloxane oligomer penetrating sealer with non-film forming (invisible). **Deguard Shield SN WR637** is formulated to be absorbed directly by the surface to prevent the water and chloride ions from attacking the substrate. **Deguard Shield SN WR637** allows water vapor to escape from the structure.

Uses

Deguard Shield SN WR637 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 Preparation

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.

Application Method

Deguard Shield SN WR637 is recommended to apply in two coats. **Deguard Shield SN WR637** 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 m²/liter/coat.

Cleaning

Tools and equipment can be cleaned immediately by using **THINERCOAT 10** organic solvent.

Packaging

5 and 55 US Gallon drums

Technical Properties

Appearance	Clear liquid
Density	1.05 ± 0.05
Volume Solids ASTM D 2823-91	7% ± 5
Application Temperature	12°C to 40°C
Tack Free Time	25mins. at 35°C
Flash Point	23°C

Storage and Shelf Life

Product should be stored at 25°C in dry conditions. 18 months in tightly closed container.

Flammability

Deguard Shield SN WR637 non-flammable

Health and Safety

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.

FIRST AID

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. DO NOT USE solvent or thinners.

Inhalation: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention