

# JAZEGARD SN

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Non-stain, Siloxane – based Water Repellent & Penetrating Primer for Concrete and Masonry Surfaces, Invisible Shield.

## Product Description

JAZEGARD SN is a stabilizing primer that is based on a blend of selected Silane – siloxane, wetting agents and solvent carrier. It is a reactive primer that is capable of producing a chemically-bound hydrophobic barrier: thus inhibiting the passage of water & waterborne salts and at the same time enables the substrate to breathe.

It is suitable for tropical & Middle East climates

## Uses

JAZEGARD SN is formulated to be used as an indivisible shield, water-repellent & waterproofing and continuous invisible protective agent as:

- Continuous protective and waterproof agent against water & water-borne salts.
- As damp-proof agent under or above floor screeds.
- As a part of waterproofing system beneath ground level.
- Swimming pools & roof protective coating.
- Internal & exterior waterproofing and damp proofing concrete, and masonry substrates.
- Sealing and protective agent for water tanks and reservoirs.
- Foundation, bridges, and basement protection.
- All similar works.

## Advantages

- Easy to apply by suitable brush or roller.
- Excellent penetration in porous and non-porous concrete and masonry substrates.
- Reduces capillary water absorption.
- Minimizes efflorescence.
- Economical
- Excellent freeze/thaw resistance.
- Enables the cement-based substrates to breathe while waterproofing.
- No film formation in concrete and masonry substrates and no stains.
- Non-toxic, approved to be in contact with drinking water.
- Protects against waterborne salts (e.g. chlorides, Sulphate, etc.),
- Weatherproof.

## Standards

JAZEGARD – SN Complies with the requirements of BS 6477, Group 1, 2 and 3.

## Technical Properties

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|--------------------------------------|--------------------------|
| <b>Appearance</b>                    | Clear colourless liquid. |
| <b>Specific Gravity @20 °C</b>       | 0.80                     |
| <b>Reduction in water absorption</b> | 90 %                     |

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|---|---|
| <b>Application temperature)</b>               | 5 – 30 °C.  |
| <b>Reduction in Chloride ions penetration</b> | 92 %  |
| <b>Coverage</b>                               | It will be influenced by the surface & ambient condition, abut approximately 5m <sup>2</sup> per Kg per coat (two coats are recommended wet on wet) |

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#### Guide for Applications

##### Surface Preparation

All surfaces shall be sound, clean free from dust, grease & oils, curing agents & mould releasing agents or other materials may affect the bond of the product and the substrates.

##### Application

JAZEGARD SN is supplied for ready-to-use. It shall not be diluted.

Apply JAZEGARD SN onto prepared substrates using suitable brush or roller or suitable spray method.

Apply the second coat after application of the first coat with 6-hours.

##### Packaging

JAZEGRD SN is supplied in 5, or 20 or 200 liters in well closed containers

##### Storage & Shelf-life

JAZEGARD SN shall be stored in normal conditions away from any extreme temperatures or naked flames

Shelf-life is 12-monthes if stored properly in well-closed containers.

##### Health & Safety

- JAZEGARD SN is non-toxic, but flammable, so it shall be stored or handed away from any direct or naked flames.
- For Ecology: Do not dispose directly to water or soil. Mix with plenty amount of sand before this to comply with the local regulations.
- Splashes on skin will be washed with water and soap.