

### SWB - 411

#### Nano-Crystallization Deep Penetrating Sealer

**KretX SWB-411** is a specially developed product for concrete surfaces. It is a water-based, deep-penetrating sealer that works by entering the micro-pores of concrete and forming a protective barrier against moisture, stains, and other damaging elements.

It reacts chemically with free alkalis present in concrete to form a silicate gel. This gel further crystallizes upon drying, effectively sealing micro-cracks and capillary pores.

By becoming an integral part of the concrete structure, it blocks harmful substances and enhances the overall durability and lifespan of the surface. This dual action provides both structural strengthening and long-term protection.

KretX SWB-411 is widely used in construction and maintenance projects where long-lasting concrete performance is essential.

#### ◆ RECOMMENDED USES

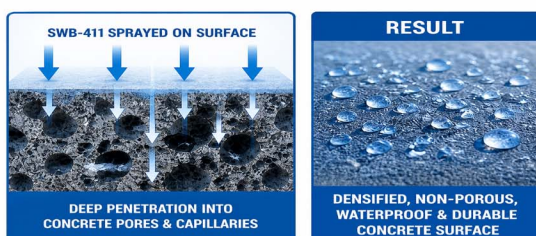
- Suitable for all types of cementitious surfaces
- Concrete and masonry surfaces such as roofs
- Industrial flooring applications
- Basements, roads, bridges, and decks
- Crack and void treatment
- Anti-dust applications
- Cement and lime plaster surfaces

#### ◆ KEY FEATURES & BENEFITS

- Easy and quick application using spray, brush, or roller
- Does not alter the color or texture of the substrate
- Reduces Porosity and permanently reseals cracks upto 0.04mm cracks increases surface hardness
- Provides permanent waterproofing and moisture resistance
- Enhances density and hardness of concrete
- Minimizes dusting, efflorescence, cracking, and freeze damage
- Offers resistance against chlorides, UV exposure, chemicals, and salts
- Extends the service life of concrete and painted surfaces

#### ◆ APPLICATION PROCEDURE

- 1) Ensure the surface is clean and free from dust, loose particles, oil, and grease.
- 2) Stir KretX SWB-411 thoroughly and dilute it in a 1:1 ratio with water before use.
- 3) Conduct a patch test prior to full application.
- 4) Apply using a low-pressure spray pump. Small areas can be treated with a brush or roller.
- 5) Apply two coats in a wet-on-wet condition.
- 6) Allow the surface to dry.
- 7) Lightly spray water over the treated surface, allow it to dry, and repeat the process once more.
- 8) Apply an additional coat of KretX SWB-411 and allow it to dry.
- 9) Repeat the water curing process as mentioned above.



“Spray. Penetrate. Crystallize. Protect.”

KretX SWB-411 Version 03 -2026

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#### ◆ TECHNICAL AND CHEMICAL PROPERTIES

- Appearance : Colorless, odorless liquid
- Color : Slightly turbid (crystal clear liquid)
- Flammability : Non-flammable
- Penetration Depth: Equivalent to water penetration
- Application Method: Surface spraying

- pH Value : 11 – 12
- Solid Content : ~27.7%
- Specific Gravity : 1.225 @ 25°C
- Boiling Point : 101°C

#### ◆ COVERAGE

- 80 – 100 sq.ft per kg
- 8 – 10 m<sup>2</sup> per kg

#### ◆ SHELF LIFE

- 18 months from the date of manufacture

#### ◆ PACKING

- Available in 1Kg, 5 Kg, 20 Kg and 50 Kg packs

#### ◆ STORAGE

- Store in a cool, dry place away from direct sunlight and heat. Maintain storage temperature between 20°C to 30°C. Once opened, keep the container tightly sealed.

#### ◆ HEALTH & SAFETY

- KretX products are non-hazardous when handled and applied correctly.
- Use appropriate protective equipment such as gloves and goggles during application.
- Avoid ingestion, inhalation, and direct skin contact.
- Keep out of reach of children and pets.
- Use in a well-ventilated area and wash hands thoroughly after use.

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The information given is based on our experience and is believed to be correct. However, as conditions of use and application are beyond our control, no guarantee or warranty is given or implied. The user is responsible for ensuring that the product is suitable for the intended application and should carry out trials before use. The company shall not be liable for any loss or damage arising from improper handling or application of the product.

*“ All our products are environmental friendly, water-based, non-toxic, non-flammable and have no VOC ”*

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