

CONGUARD SN555

Penetrating hydrophobic Silane-Siloxane Treatment for concrete and masonry

DESCRIPTION

CONGUARD SN555 is a solvent-based silane-siloxane penetrating, hydrophobic water repellent, it penetrates the cement-based or stone substrates, reacts and works by increasing surface tension of water so that it slides away from the surface, **CONGUARD SN555** allows the substrate to breath by allowing water vapor to escape the substrate in addition to drastically reducing water absorption and resisting ingress of chloride ions.

USAGES

- Transforming construction substrate to water repelling surfaces
- Cement-based substrates such as block and brick work, pre-cast panels and plasters
- Sealing and treatment natural stone, marble and absorbent tiles

USAGE INSTRUCTIONS

1. Surface preparation

All substrates shall be sound, clean, free from dust, grease & oil, dirt, wet substrates should be sponge-dried to remove all free surface water.

If necessary hot steam cleaning, light grinding or roughening by sandblasting when dirt and grease critically present.

2. Application

Apply **CONGUARD SN555** with roller, brush or portable spray equipment on the treated surface.

CONGUARD SN555 should be applied in two flood coats until the recommended total application rate of minimum 0.30 kg per m² has been achieved.

CONGUARD SN555	Coverage
CONGUARD SN555	0.150 – 0.250 kg/m ²

3. Cleaning

Clean all tools and application equipment with a suitable thinner immediately after use. Hardener or cured material can be only removed mechanically or by hand tools.

TECHNICAL DATA

CONGUARD SN555	Typical values
Appearance	Clear liquid
Content	Solvent based
Mixed Density @30°C (ASTM D1475)	0.87 g/cm ³
Touch Dry @30°C (ASTM D1475)	3 – 4 hours

ADVANTAGES

- Single component – easy application
- Cost effective
- Easily penetrates substrates
- Non-staining
- Reduces water and chloride intrusion
- Increases freeze thaw resistance
- Minimizes efflorescence
- Allows water vapor to escape from the structure and resistant to atmospheric contaminants

PACKAGING

CONGUARD SN555 is supplied in 200 liters cans/drums.

HEALTH & SAFETY

Before applying **CONGUARD SN555**, all safety protections should be worn during application, such as safety goggles and rubber gloves to avoid any harmful accidents.

If **CONGUARD SN555** is splashed to skin, it must be removed, before it hardens, with resin removing cream follow by water and soap at once, and if to the eyes seek medical attention immediately.

STORAGE & SHELF LIFE

CONGUARD SN555 shall be stored in its sealed container under dry and shaded place in a temperature from 10°C - 35 °C, shelf life of the material is 12-months.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:
concretedoctor@arkaz.com

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