

# BP-MoyaShield SR

Silane Siloxane Based Water Repellent

## Description

**BP-MoyaShield SR** is a penetrating silane siloxane based water repellent sealer. It has a micro molecular structure that helps to achieve deep penetration inhibiting water ingress into the substrate.

## Application Area

**BP-MoyaShield SR** is used as a clear coat to protect concrete surfaces, stone cladding, coloured plasters, parking decks, bridges, tiles, tile grouts, decorative renders, etc.

## Advantages

- ✓ Deep penetrating coating
- ✓ Prevents ingress of water borne chlorides and sulphates
- ✓ Non-staining
- ✓ Ready to use and easy to apply
- ✓ Chemically resistant to fuels, atmospheric contaminants and oils
- ✓ Suitable for various substrates
- ✓ Significantly reduces absorption of water
- ✓ Breathable
- ✓ Helps to prevent efflorescence
- ✓ Resistant to UV rays

## Typical Properties

Property	Test Method	Value
Component		Single
Form		Liquid
Colour		Clear, Blue, Red and
Depth of Penetration		2-3 mm (depends on substrate)
Drying Time		30-60 sec
Recoat Time		Immediate, wet on wet
Application Temperature		+5°C to +40°C

## Surface Preparation

Before application of **BP-MoyaShield SR**, it is important to ensure that the surface is clean and free from dust and loose material. It has to be applied on completely dry surface. All contaminants such as oil, grease or any surface contamination must be removed to ensure adequate penetration of the product. Precoated surface paint, etc., should be removed with proper tools and equipment. Surfaces that have been cleaned with water must be allowed to dry out completely before application. Cracked or damaged areas must be repaired using **BP-ReCon** range of repair products..

**Note:** Field service where provided does not constitute supervisory responsibility. Suggestions made by **Conpacmix (BD) Ltd.** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Conpacmix (BD) Ltd.**, are responsible for carrying out procedures appropriate to a specific application.

Manufacture:



## Application Guidelines

**BP-MoyaShield SR** should be applied in 2-3 flood coats, wet on wet, at an application rate of 5 m<sup>2</sup>/ltr/coat. It may be applied by roller, brush or portable knapsack spray equipment. Do not add water.

## Packaging

4 kg, 10 kg and 20 kg

## Coverage

5 m<sup>2</sup>/kg/coat (coverage depends on surface finish, porosity and texture).

## Storage & Shelf-life

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.

## Limitations

At temperatures above 40°C, it is recommended that measures are taken to reduce material placing temperatures. These include, storing materials and equipments under cool shade and away from direct sunlight. Avoid installation during the hottest part of the day. Ensure that water temperature is kept below 20°C. Should not be used in unrestrained area.

## Cleaning

Clean all equipments and tools with water immediately after use. Hardened material can be removed mechanically.

## Health and Safety

This product contains cement powders which, when mixed with water or upon becoming damp, release alkalis that can be harmful to skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Gloves, goggles and suitable mask must be worn. Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately. Regarded as non-hazardous for transportation. Do not reuse containers. To be disposed off as per local rules and regulations.

## Quality & Care

Conpacmix (BD) Ltd acquired German technology for an updated production facility and set up a state of the art laboratory facility for conducting regular quality assessments on raw materials procured and finished products. Process from procurement of raw materials to finished products, are managed by qualified and experienced engineers, chemists and technicians.