

SHELL GUARD

1K COMPONENT CEMENTITIOUS WATERPROOF COATING

PRODUCT DESCRIPTION

SHELL GUARD (PC 2154) is a heavy duty cementitious coating intended to waterproof and protect masonry. It is mixed with water and applied to the surface of masonry or concrete walls to seal void and coat the wall, thereby stopping moisture

PRODUCT PROPERTIES	SHELL GUARD
Theoretical Coverage, 2 Coats *	1 to 1.5 kg/m ²
Application Temperature	10 °C to 40 °C
Adhesion to Concrete	Excellent
Colour	Grey
Elongation	40 ± 5%

ADVANTAGES

- Easy to apply, being single component
- Excellent adhesion to concrete

AREA OF APPLICATION

- All masonry surfaces, both inside and outside
- Basements, tunnels, machinery pits, reservoirs
- Roofs and Terraces

APPLICATION METHODOLOGY

Ensure that surface is sound and free from dirt, soil, oil release agents, laitance and any other foreign materials which may impair the bond, penetration and / or the overall performance of **SHELL GUARD**. Chemically remove any efflorescence, from oil and mould etc.

Repair any cracks, honeycombed pockets or holes by Dampening materials. Ensure to dampen walls for an hour before application and keep damp allowing moisture to soak in wet dense concrete at least twice, not less than 30 minutes apart. Surface must be damp during application. Do not allow standing water. Empty 25 kg of **SHELL GUARD** into a clean container; add approximately 6.6 litres of potable water and mix to achieve brushable consistency. Allow mix to fatten for 15 minutes, it should then adhere to brush without dripping. Excess or lesser water may be added depending upon the consistency required.

Apply **SHELL GUARD** on clean and dampen surface with stiff fibre brush. Scrub well into the damp wall filling all pores and finish with final stroke in one direction. Keep a wet edge. Apply second coat when the first coat is touch dry. On 2nd coat being touch dry, achieve the desired texture with a sponge or wood float. Crush any globules formed to make uniform paste and continue mixing. Allow to dry for 24 hrs before moist curing. Do not apply water through a hose or pressurized nozzle. Apply second coat when first coat is touch-dry. Light spray of water may be required between coats in hot/dry climates. When surface becomes hard enough, fog spray with clean water keeping wall damp for 3 days. Hotter the weather, more critical the curing. Light spraying of water is recommended more frequently and for several days.

HEALTH & SAFETY

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice.
- Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

PACKAGING

Available in 25 kg moisture resistant bags.

STORAGE

Store in a cool dry place under shed away from heat.

SHELF LIFE

12 months in original unopened sealed condition.

The technical data provided here is the average result of the tests carried out in our in-house **SUPREME BITUCHEM** laboratory on **SHELLPLAST SP103**. **SUPREME BITUCHEM** reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data and is to the best of knowledge that its accurate and true. All recommendations are made in good faith. We can accept no responsibility and no warranty is implied with regard to any of the recommendations made in the technical data sheets since the condition of actual use and the labour involved are beyond our control.

Our Products & Services

- ▶ APP & SBS Specialized Waterproofing Membranes
- ▶ Specialized Products for Highways & Road Surfacing
- ▶ PU Bituminous Waterproofing Liquid Membrane
- ▶ Anticorrosive Coating and Tapes
- ▶ Construction Chemicals and Building Materials
- ▶ Specialized Civil & Waterproofing Contracts
- ▶ Admixtures, Sealants and Grouts
- ▶ Thermal Insulation Products
- ▶ Complete Range of Bituminous Products

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