



High Tech Seal Grey

High Tech Seal Grey is a two component polymer modified, highly flexible cementitious waterproofing coating. It is an eco-friendly solution designed to protect concrete and mortar surfaces. **High Tech Seal Grey** offers outstanding adhesion, flexibility, crack bridging ability and long-term durability. It can be applied to a wide range of cementitious structures including marine structures, basements, bathrooms, wet areas, swimming pools, roofs, water tanks and other water retaining structures. It is also suitable for potable water contact applications and drainage culverts.

ADVANTAGES

- ✓ Excellent flexibility with high elongation.
- ✓ Resistant to long term weathering and all climatic conditions.
- ✓ Strong adhesion to both concrete and masonry.
- ✓ Does not require any additional protective coating.
- ✓ Eco-friendly, non-toxic and safe for use.
- ✓ Can be used in contact with potable water.
- ✓ Bridges and seals cracks effectively.
- ✓ High adhesion performance.
- ✓ Easy to apply.
- ✓ Ideal for damp proofing applications.

TYPICAL PROPERTIES AT 25°C

Component	Part A – Liquid Part B – Powder
Mixed Form	Smooth Slurry
Color	Grey (Other shades available on request)
Toxicity	Non-Toxic (Tested as per BS EN 6920-1)
Working Time	40 – 70 Minutes
Elongation	170% ± 15% (Neat material) – (Tested as per ASTM D2370)
Setting Time	4 Hours

**Typical results under laboratory conditions*

SURFACE PREPARATION

The surface should be clean, sound and free from dust, loose particles, grease, oil, primers from previous membrane systems or bitumen. Bitumen or primer should be removed and the area repaired with suitable repair mortar. Cracks, holes and honeycombs must be properly repaired. All surfaces and joints must be prepared before application. Brick / block walls must have joints neatly finished before applying **High Tech Seal Grey**.





MIXING

High Tech Seal Grey is supplied in pre-measured packs. Slowly add the powder component to the liquid component while mixing continuously using a low speed drill machine fitted with a paddle to obtain a smooth, lump free consistency. Clean water may be added up to 4% of the total mix if required. Do not re-temper or add water once the mix starts to stiffen. Prepare only the quantity that can be used within the working time.

APPLICATION

Ensure the surface is saturated with clean water and free from standing water. Apply the first coat using a stiff brush or roller at a thickness of 250 – 1200 microns depending on the expected water pressure. Apply 2 to 3 coats to achieve the required total thickness. Do not apply more than 200 microns in a single coat. Allow the first coat to dry for 2 – 3 hours before applying the next coat. The second coat can be finished with a soft spongy trowel or sponge or roller application can be used with proper alignment of roller. Spray, trowel, roller can also be overlapped and kept moist for 3 – 4 days (especially when temperature is above 40°C) before carrying out water proofing flood test. For hollow blocks or highly porous areas, a minimum of 3 to 4 coats with total thickness of at least 1 mm is recommended.

CURING

High Tech Seal Grey should be protected from direct sun, wind and rain until fully cured. Keep the surface moist for 3 – 4 days after application.

PACK SIZE

High Tech Seal Grey is available in the following pack sizes.

3.5 KG Pack Size	Part A – 1 KG Liquid Part B – 2.5 KG Powder
16 KG Pack Size	Part A – 5 KG Liquid Part B – 11 KG Powder
20 KG Pack Size	Part A – 6.5 KG Liquid Part B – 13.5 KG Powder

COVERAGE

Approx. 9 – 14 sq.ft per kg per coat. Actual coverage depends on surface porosity and texture.

SHELF LIFE

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





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PACKAGING

High Tech Seal Grey is available in the following pack sizes.



NOTE:

If printed packaging not available, neutral packaging with label. Lot number and manufacturing date to be stamped at the back of each packaging.

