

### HOMESURE wSHIELD PLASTO SEAL

#### Premium Elastomeric Paintable Plaster/Putty

HOMESURE wSHIELD PLASTO SEAL is a high-performance, single-component elastomeric paintable plaster composed of mineral fillers, plasticizers, acrylic polymers, weather-resistant pigments, and advanced additives. It provides excellent flexibility, hydrophobicity, and superior adhesion for both interior and exterior applications. Its solar insulation properties help regulate surface temperature, making it an ideal plaster cum putty.

#### KEY FEATURES & BENEFITS

- ✓ Forms an elastomeric film, creating a smooth and durable surface.
- ✓ Excellent thermal expansion & contraction properties, withstanding temperature variations from 0°C to 50°C.
- ✓ Paintable without primer for easy finishing.
- ✓ Ready-to-use as plaster material.
- ✓ Hydrophobic nature provides excellent water repellence and washability.
- ✓ Ensures smooth and crack-free walls; can be used as a crack filler.
- ✓ Anti-fungal and algae-resistant, ensuring long-term durability.
- ✓ Forms a homogeneous mix with emulsion paints.

#### RECOMMENDED APPLICATION AREAS

- ❖ Fine and coarse sand plaster.
- ❖ Fiber cement & cement particle boards, cement panels.
- ❖ Gypsum & calcium silicate boards.
- ❖ Gypsum surfaces.
- ❖ Pre-cast & metal shuttered constructions.
- ❖ AAC bricks and plastering.
- ❖ Punning on AAC and concrete blocks.

#### APPLICATION PROCEDURE

##### Surface Preparation:

- Ensure the surface is clean, dry, and free from dust, oil, or contaminants.
- Remove loose particles using an emery paper or blade.
- For fungal-affected areas, treat with bio-wash before application.

#### Application on Plastered Walls, Gypsum Surfaces:

Apply wSHIELD PLASTO SEAL on the wall using a trowel in one direction.

- Remove excess material by moving the trowel/blade in the opposite direction.
- Ensure that there are no blade marks.
- The finished surface will be smooth and non-water absorbent.

#### Application on Dry Walls, Cement Board, Sandwich Panel, RCC & Block Joints:

- Apply wSHIELD PLASTO SEAL on the joints and ensure complete filling.
- Apply a 1.5 mm thick layer on joints and embed an 80–100-micron thick fibre tape (100 mm width) over it, removing excess material.
- Apply two or more coats across the entire surface to level the joints, moving the trowel/blade in opposite directions.
- Remove blade marks by applying a crisscross motion with the trowel.
- The finished surface will be smooth and non-water absorbent.

#### COVERAGE

Surface type	Coverage/20 kg
RCC/Shuttered construction /ACC Blocks (Punning)	40 – 50 sq. Ft
RCC/Shuttered construction (Putty)	200 – 230 sq. Ft
Gypsum Board (Jointing & Topping)	1200 sq. Ft
Gypsum Board (2 Coats Putty)	600 sq. Ft
Cement Board/CS (Jointing & Topping)	1500 sq. Ft
Cement Board/CS (2 Coats Putty)	300 sq. Ft
Cement Panel (Jointing & Topping)	400 sq. Ft
P.O.P. Putty	550 – 600 sq. Ft
Fine Sand Plaster (Putty)	230 -240 sq. Ft
Coarse Sand Plaster (Putty)	150 - 170 sq. Ft

#### PRECAUTIONS

- ☒ Avoid application during rain or when rain is expected.
- ☒ Store containers in a cool, dry place away from direct sunlight.

TECHNICAL SPECIFICATIONS		
Property	Test Method	Value
Appearance	Visual	Thixotropic paste
Colour	Visual	White
pH	-	8 ± 2
Specific gravity	ASTM D1475-03	1.60 ± 0.10
Solid content	ASTM D1644-03	75 ± 3%
Pot life at 25°C	-	2 hours
Tack free time at 35°C	-	3 – 4 hours
Service temperature	-	24 hrs @ 120°C - No shrinkage
Water Retention (Absorption)	ASTM D 570-08, 2011	17%
Tensile strength	IS: 2380 Part 5 – 1977 (2003)	2.15 kgf/cm <sup>2</sup>
Flexural strength	ASTM D 790-17	2.75 MPa
Compressive Strength	ASTM D 695-15	2.15 MPa

### PACKAGING

Available in 5 kg, 10 kg, and 20 kg packs.

### SHELF LIFE & STORAGE INSTRUCTIONS

- 12 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from +5°C to 40°C
- Store in dry and well-ventilated place away from heat source or direct sunlight.

### HEALTH & SAFETY INFORMATION

- ✓ Refer MSDS for information and advice on the safe handling, storage and disposal of chemical products.
- ✓ Use rubber hand gloves & safety goggles, while using product
- ✓ Avoid contact with skin/eyes and avoid swallowing. In case of contact with skin, wash with plenty of water.
- ✓ Ensure adequate ventilation and avoid inhalation of vapour
- ✓ Spillages of Plasto Seal can be removed with water. Do not use solvent to clean the contacted area.
- ✓ Keep out of reach of children