

TECHNICAL DATA SHEET

HOMESURE w-SHIELD CURE COAT

RESIN BASED CONCRETE CURING COMPOUND

HomeSure w-Shield Cure Coat is a resin based, quick-drying liquid that forms a transparent, non-yellowing film to retain moisture in concrete, ensuring proper hydration and strength development. Ideal for both interior and exterior concrete applications, it helps prevent shrinkage cracks and surface defects while enhancing durability. Suitable for use in various environmental conditions, this cost-effective solution is commonly applied on slabs, pavements, and other concrete surfaces to promote optimal curing and long-lasting results.

INDICATIVE TECHNICAL DETAILS

Nature	: White colour liquid
Composition	: Resin based co-polymer & additives
Specific gravity @ 27°C	: 0.95 ± 0.10
Coverage*	: 4 – 6 m ² /kg
Thinning	: Not recommended
Water retentivity (ASTM C309)	: < 0.55 kg/m ²
Compliance to ASTM C309	: Type-1; Class-B
*actual consumption depends on thickness, substrate profile	

APPLICATION AREAS

- Ideal for use on newly placed concrete surfaces like floors, pavements, and walls.
- Suitable for both commercial and residential construction projects.

FEATURES AND BENEFITS

Moisture Retention: Retains moisture in the concrete to prevent premature drying.

Non-Yellowing Film: Provides a clear, transparent finish that will not discolour over time.

Quick Drying: Dries quickly to a tough film, allowing for faster project completion.

Ease of Application: Can be applied with a sprayer, roller, or brush.

GUIDANCE FOR USE

- ✓ Ensure the surface is free of standing water before applying.
- ✓ First, test in a small patch area to ensure the surface smoothness is not disturbed by the application before applying to the entire surface.
- ✓ Apply Walplast Curing Compound immediately after finishing and levelling the concrete surface.
- ✓ Use a sprayer, roller, or brush for even coverage.
- ✓ Allow the curing film to remain on the surface until the concrete has reached the desired strength.

Note: HomeSure w-Shield Cure Coat system must be applied between temperature 10 - 35° C.

PACKING

Available in drum packings & tanker packings.

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 HomeSure w-Shield Cure Coat can be removed with water. Do not use solvent to clean the contacted area.
- ★ Keep out of reach of children.