

DESCRIPTION

GS 105[®] is a unique one of a kind water-based crystallization product specifically designed to permanently block moisture and vapor transmission in concrete or masonry structures. **GS 105[®]** can be easily applied by brushing, spraying or rolling. **GS 105[®]** is designed to be applied to concrete substrates that are 7 days or older.

GS 105[®] is formulated to enhance deep penetration into the concrete substrate through capillary action. The product components migrate deep into the concrete substrate to form a crystalline material which permanently blocks the concrete and masonry substrate pores. Even under the influence of constant hydrostatic pressure, the crystallization continues to fill and block the migration of moisture through the concrete substrate.

The product becomes inactive during dry conditions and is fully reactivated when moisture or moisture vapor are present. **GS 105[®]** is an odorless, colorless, clear liquid with very low viscosity that allows it to penetrate deeply into a concrete substrate or other masonry products.

ADVANTAGES

- High Moisture, Vapor blocking performance.
- Single component
- Ease of Application
- Penetrates into concrete and seals capillary tracts and hairline cracks.
- Multiple functions: blocking of moisture and increases the adhesion of coatings, and paints.
- Non-toxic
- Cost effective
- Resist hydrostatic pressure
- Internal and External application

AREAS OF USE

- Concrete, mortar, plaster, stucco, terrazzo, exposed aggregate & any sand, aggregate cement combination.
- Concrete Floors.
- Foundations and Slabs.
- Reservoirs.
- Industrial Plants.
- Swimming Pools.
- Subway Tunnels.
- Elevator Pits.
- Walls and flooring in parking garages.

PACKAGING

20 Kg Pail

PROPERTIES

Specific Gravity	1.09
Freeze Temperature	25°F (-4 °C)
Boiling Point	221 °F (105 °C)
Color	Clear
Odor	None
Toxicity	None
Flammability	None
Fumes During Treatment	None
Environmental Hazards	None
Thinners Required	None
Drying Time	2.5 – 3.5 hours At 77°F (25 °C)

CLEANING

Clean all equipment, tools with fresh clean water immediately after use.

SHELF LIFE

Two year shelf life when stored in cool, dry place in unopened drums. Always agitate or stir the bucket or drum before using.

SAFETY PRECAUTIONS

As with all construction chemical products, adequate precautions and care must be taken during usage and storage. Avoid direct contact with foodstuff, eyes, skin, and mouth. Any direct contact with skin, eyes, etc. should be washed thoroughly with clean running water and soap.

Always wear protective goggles and gloves. In case of eye contact, flush for 15 minutes with clean water. Keep out of reach of children.

TECHNICAL ASSISTANCE

Please contact **Greenshield[®] (India) Construction Chemicals Private Limited** for Technical Personnel.

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