



## TechnoSeal® DPC InjectoCream

Solvent-free Silane/siloxane emulsion cream for  
Horizontal barriers against rising masonry damp

### Description:

TechnoSeal® DPC InjectoCream is a blend of silane/siloxane cream emulsion with water-repellent properties for injection in walls that reacts with moisture to form a highly effective hydrophobic barrier against rising damp in masonry structures.

TechnoSeal® DPC InjectoCream Produced as a viscous cream the efficacy is superior to paste formulations provides a horizontal barrier against rising dampness, with optimum surface impregnation and consumption control where a wide network of holes and hollows is present.

### Application Includes:

TechnoSeal® DPC InjectoCream can be used to treat rising damp in almost all types of masonry walls

- Solid Brick Walls
- Cavity Walls
- Random stone and rubble filled walls etc.
- Damp-proof courses injected in façades, walls and masonry (exterior or interior) affected by rising dampness.

### Features:

- Penetrates deeply into brick and other masonry substrates
- Form a durable polysiloxane damp course via chemical bonding
- Easy to use, non-corrosive and non-toxic formulation.
- Suitable for walls subject to high levels of humidity (100 %).
- High silane/siloxane content, and low molecular weight with high level of penetration into substrate.
- Allows the substrate to breath, it does not seal the pores. Once treated, substrate can be painted.
- High performance in a wide range of mineral substrates: concrete, cement mortar, lime mortar, etc. Not affected by substrate alkalinity.
- It does not produce or release any salts. No aesthetic changes on the original surface.
- Very good impregnation and distribution in brick masonry or mortar substrates and voids due it creamy consistency.

### Typical Properties at 25°C

Appearance	White fluid cream , odorless
Density (kg/l)	0.9 ± 0,05
pH	7 ± 1
Flash point	No flammable

### Application Method

The application temperature should be between 5°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the primer is as follows-

#### Surface preparation

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss algal growth, laitance and all traces of mould release oils and curing compounds. This is best achieved by lightly gritblasting the surface. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit- blasting process.

#### Application

- Remove plastering/skirting at the floor and wall joint.
- Expose the lowest layer of brick or block.
- Drill holes at 45 degree angles in the bricks towards the center of the wall almost reaching the floor wall joint.
- Holes should be made at a distance of 9" apart.
- Using silicone "level tubing" insert one end of tube into the drilled hole. The other end of the tubing should be placed inside the diluted and ready to use solution of TechnoSeal® DPC InjectoCream.
- A small valve (like air control valves in fish tanks) should be placed on the tube about 1" above where it enters the drilled hole by cutting the tube at that point and placing valve. This will allow control of flow of solution by user.
- The ready to use solution of TechnoSeal® DPC InjectoCream should be placed at a height of about 3 feet and the ends of the leveling tubes from each hole dropped into the solution such that the solution begins to flow through the tube and into the drilled hole.
- The flow should be adjusted to be very slow, so that the product can thoroughly saturate the site. Saturation points between the drilled hole sites should merge upon full saturation. Saturation will be indicated when solution begins to flow out of the drilled hole itself. If the flow rate is too high, the overflow from the drilled holes would be misleading and visible merging of neighbouring injection site saturation would not be seen.
- Once saturated, remove tubing. Plug the holes with cement mortar and refinish the plaster and tiles.

Important Note: As masonry materials and the condition of buildings vary, it is always recommended that a pilot trial should be carried out prior to installation of TechnoSeal® DPC InjectoCream to determine the suitability of this product for the purpose.

## Health and Safety instructions

TechnoSeal® DPC InjectoCream is not a toxic product but during the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Precautions Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately.

No food or beverages should be brought to the application area. Store all materials and equipment safely and out of reach of children and animals. Observe container labels, SDS, applicable laws and regulations and all instructions before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area.

## Cautions & Important Watch Points

Store the material at the 10° to 30°C temperature range in shaded cool place and keep it away from fire and any heated body. Clean all tools with Wash equipment with clean water before the cream dries. Dispose of washings carefully.

## Cleanup Information

Clean tools and equipment with industrial type solvents immediately after use. Dried material can only be removed mechanically.

**DISCLAIMER:** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

**EDITION:** 11/2017/001

**IDENTIFICATION NO:** PD-074

Please note that this datasheet supersedes all previous versions.

## Cleaning of Tools and equipments

Used tools and equipment must be cleaned carefully with an appropriate solvent like TechnoPur® Eco Cleaner or TechnoFix® CleanZolPlus. Once cured TechnoSeal® DPC InjectoCream can only be removed by mechanically.

## Packaging

TechnoSeal® DPC InjectoCream is available in a 300ml, 600ml caulking tube or in 1, 5 and 20 litre plastic pails. Other size containers may be available on request

## Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 3 palletes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palletes should not be placed on top of each other during long term storage. Keep away from any fire hazards or ignition sources

## Shelf Life

The shelf life is 12 months from the date of production under suitable storage conditions. Opened packages should be stored under suitable storage conditions and used within 1 week.

## Additional information

Techno Builders Solutions® By Sterling Technotrade India Pvt.Ltd -The Specialist Construction Chemicals Company® range of associated products includes high performance concrete Admixtures, Adhesives, Protective Coatings, Concrete Repairs, Industrial Flooring, Grouts & Anchors, Joint Sealants, Surface Treatments, curing compounds, repair mortars, release agents, Grinding Aids & Waterproofing.

\*Separate datasheet are available on these products.

# STERLING TECHNOTRADE INDIA PRIVATE LIMITED

## The Specialist Construction Chemical Company®

**Head Office:** 109-111-112, 1st Floor, Vijaya Building, No. 17, Barakhamba Road, Connaught Place, New Delhi- 110001

**Manufacturing Unit:** Plot No-J-3, UPSIDC Site C, Surajpur Industrial Area, Greater Noida, Uttar Pradesh 201306

**WEB:** sterlingtechnotrade.com | **EMAIL:** support@sterlingtechnotrade.com | **TEL:** 01145084212