



# STERLING TechnoSeal® Splash Proof

HIGH BUILD WATER-BASED ACRYLIC WATERPROOF COATING FOR UNREACHABLE AREAS.

The Specialist Construction Chemical Company

## Description:

TechnoSeal® Splash Proof is a clear single component, water based free flowing liquid acrylic micro emulsions specially developed for waterproofing of very difficult areas, wherein other waterproofing systems cannot be implemented. The micro emulsions penetrate the surface to establish a water repelling barrier in the subsurface of the concrete and masonry. High-penetration polymer emulsion used to protect porous surfaces from moisture and salt stains while preventing fungi and mold growth. Thanks to its Nano molecular structure, it penetrates deep into the surface and is rapidly absorbed, forming a protective film.

TechnoSeal® Splash Proof is also used as a surface hardener to consolidate weak, dusty and powdery substrates. After drying, it is transparent and can be overpainted.

## Application Includes:

- Exterior
- Above grade
- It can be poured on the areas of terraces where in normal case waterproofing is difficult
- It can be applied on terraces where already china chips are fixed. TechnoSeal® Splash Proof fills the joints on the china chips and forms a hard and tough transparent film.
- Protecting and waterproofing
- Vertical and overhead surfaces
- It can be applied on the parapet walls by brushing
- It can be applied on bricks as well as on stone walls
- It can be applied on building exterior walls, on the painted surface to provide extra gloss and waterproofing of the walls

## Features:

- Hydrophobic properties of coating repel water and dirt for long-lasting appearance.
- Dirt-resistant nature of coating helps reduce exterior maintenance costs.
- 100% acrylic formulation provides long-term durability and weather resistance.
- Breathable to permit water vapor to escape.
- Excellent adhesion to concrete and existing coatings results in tight, long-lasting bond.
- UV resistant for excellent color retention.
- Compatible with Techno Builders Solutions' TechnoCoat® coatings and TechnoSeal® joint sealants.
- Low VOC content for broad compliance in all regions.

## Typical Properties at 25°C

<b>Appearance</b>	<b>white turbid fluid</b>
<b>Solid Content</b>	32 ± 2%
<b>Viscosity</b>	15-20 sec
<b>Specific gravity</b>	1.03
<b>Surface Dry</b>	10-20 Min.
<b>Complete curing</b>	24 Hrs.

## 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.

## Application

TechnoSeal® Splash Proof is thoroughly stirred and uniformly applied to the substrate with a brush, roller or spray until full impregnation. For very porous surfaces, a second layer might be required. The second layer is applied once the first one has dried.

**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® Splash Proof to determine the suitability of this product for the purpose.

## 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® Splash Proof can only be removed by mechanically.

## Packaging

TechnoSeal® Splash Proof is available in 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

## 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.

**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:** 08/2018/001

**IDENTIFICATION NO:** PD-037

Please note that this datasheet supersedes all previous versions.

## Shelf Life

The shelf life is 24 months from the date of production under suitable storage conditions. Opened packages should be stored under suitable storage conditions and used within 1 week.

## Health and Safety instructions

TechnoSeal® Splash Proof 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.

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