

PRODUCT DATA SHEET

DP40 Waterproof Multi Coat

A cementitious based damp and waterproof wall and floor coating

Product Description:

DP40 Waterproof Multi Coat is a cementitious based wall and floor coating. It can be used on the positive side (wet) side of the surface. Forms an attractive plaster that is waterproof. Can be left as finished surface as base for painting or tiling.

Chemical Base:

- Specially selected cementitious blends.
- Non-shrink additives.
- Water proofing additives.
- Pigments for different product colour finishes.

Characteristics/Advantages:

- Easy to use (just add clean water).
- Very good placement and finishing characteristics.
- Decorative finish in various colours available.
- Can be used instead of plaster, tiles or traditional wall coatings.
- Can be brush finished to achieve a striking textured finish.
- Adjustable consistency (controlled by the amount of water added).
- Can be steel floated for smooth plaster like coating.
- Resistance to cracking. More durable than regular plaster finishes.

Typical Applications:

- Waterproof cementitious mortar coat for concrete, clay and concrete bricks, breeze blocks etc.
- Suitable for sealing areas from water ingress like balconies, walls and other areas that are prone to water ingress.
- Shower walls
- Decorative plaster finishes
- Light traffic floor screeds

Surface Preparation:

- The surface needs to be clean and oil free. It must be free from all loose material such as dust or loose particles. Loose paint or crumbling concrete must be removed prior to application. It is best to use a wire brush or a high-pressure to prepare the surface prior to application.

- The product works best when it is applied to moist and clean surfaces. The surface cannot have pooled or running water.

Masonry Surfaces:

- Remove any dirt or efflorescence from the surface with a wire brush or a high-pressure washer.
- Ensure that the negative side of the application is free from water. This side must be dry. If the surface is wet, treat it with a **DP30 Masonry Waterproofing** coating first.
- No priming is necessary for suitably firm surfaces. Ensure that the surface is moist with no standing water. If product is applied onto a dry surface, it will cause desiccation of the product and may lead to the product cracking.
- For surfaces that have very high or continuous saturation levels, it is advised to use bonding liquid as a primer. Paint a suitable coat onto the area and ensure a solid covering. **DP40 Waterproof Multi Coat must then be applied to the bonding liquid before the bonding liquid dries.** Application onto dried bonding liquid may result in debonding.

Dry Wall:

- Prime the dry wall surface with **GK45 GripKey for Plaster. Apply DP40 Waterproof Multi Coat before the bonding liquid has dried.** Apply only as much bonding liquid as can be over coated before drying.
- Ensure that joints are taped correctly with a suitable dry wall jointing tape. Cracks from joints can mirror through the coating if they are not treated correctly.

Painted Surfaces:

- Ensure that there is no loose paint. The coating is only as strong as the surface to which it is applied. Remove **all** loose and flaking paint.
- The product cannot be applied to enamel paints directly, an oil-based primer must be used first. This primer must dry completely before **DP40 Waterproof Multi Coat** can be applied.
- For a very smooth painted surface it is advisable to roughen the surface first with an 80grit sandpaper in order to achieve a mechanical key.

Mixing:

- Mix 2.5-4 L of water per 10kg bag of **DP40 Waterproof Multi Coat** for smooth wall coatings and steel trowel finishes.
- Use 2.5 L of water per 10kg bag of **DP40 Waterproof Multi Coat** for flooring applications.
- Add the powder to the water whilst mixing to form a smooth, lump free liquid. Any lumps present in the mixture may show on the surface of the substrate once applied.
- A drill with a paddle or paint mixer is advised to mix larger quantities. Let the product stand for about 1 minute after initial mixing and then remix the product for at least an additional 30 seconds.

Placing/Application:

- Apply **DP40 Waterproof Multi Coat** with a soft bristle brush or a suitable trowel. Ensure that the entire surface is thoroughly coated and that no thin spots or holes are visible. It is possible to touch up holes and thin spots after the first coats are applied to ensure a solid “membrane” is in place in order to prevent water ingress. This product is designed to bond to itself very well when it is dry or wet.

- **Never** add more water to mix to soften the mixed product if it has hardened as this will weaken the product. Only mix up as much product as you can apply in about 30 minutes. High temperatures may cause quicker setting.
- To prevent settling stir product frequently.
- This product will increase in strength over time and it is best to spray the surface with a fine mist of water after it has first visibly dried to help it achieve this strength as early as possible.
- When the product is used as a final finish in contact areas such as showers etc., it is advised to use a suitable “Water-proof Sealing Coat” so as to protect the product from wear as a result of abrasion.
- The colour of the product will appear darker at first until final curing has occurred. This will depend on the moisture content of the structure. Some applications may take many days or weeks to achieve final colour if they are thoroughly moisture saturated.
- Try not to let the product dry between sections as “joints” may be visible at the end. Blend the sections together while the product is still workable.

Coverage:

- A 10kg bag of **DP40 Waterproof Multi Coat** mixed with water yields approximately 5L of product.
- The product can be applied in coatings from feather edge to 3mm thick.
- A 10kg bag will cover +/- 10m² at a thickness of 0.5mm.
- Rougher surfaces will require more product than smooth surfaces.

Product Data:

Appearance:	Powder
Colour:	Available in Charcoal, Grey or White
Packaging:	Available in 2kg, 5kg and 10kg
Storage Conditions:	Store in a dry cool area, between 5 -25°C
Shelf Life:	12 months in original unopened containers when stored in recommended storage conditions.

Health and Safety Information:



Keep out of reach of children. Do not breathe dust. In case of inadequate ventilation wear respiratory protection. Wear protective gloves/ protective clothing/ eye protection. Wash face, hands and any exposed skin thoroughly after handling. For further health and safety information refer to the product SDS.



Stanton Construction Chemicals Pty (Ltd).

Unit 2A Veni View Park 547 Heritage View Drive
Muldersdrift, South Africa, 1735

Tel: +27 (0) 10 593-4454

Email: www.office.co.za

Website: www.sccsa.co.za



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