



TECHNICAL DATA SHEETS

TEXTURED SPIRIT-BASED MASONRY COATING

Textured Spirit-Based Masonry Coating is a spirit based, high build, heavily textured, one coat finish specially formulated to provide excellent water resistance, durability,

low maintenance and long life. Suitable for most types of exterior surfaces it provides a heavy duty, flexible covering that is up to 20 times thicker than conventional paints enabling the coating to bridge small cracks and badly weathered masonry surfaces.

Where can it be used

- New build
- Residential
- High Rise Flats
- Social Housing refurbishment
- Public Buildings
- Commercial

Recommended surfaces

- Masonry brick
- Stone
- Roughcast
- Cement rendering
- Pebbledash
- Previously painted surfaces

System features and benefits

All kinds of pollution contribute to the deterioration of buildings, causing irreversible damage to the surface. PermaShield masonry coatings protect in the following ways:

- Weatherproof & Microporous – Allowing the walls to breathe naturally whilst preventing rain from penetrating through the substrate.
- Long Lasting – High performance system that eliminates the need for frequent repainting and maintenance of exterior walls.
- Colour Stability – Conventional masonry coatings soon fade & discolour, PermaShield Textured Spirit-Based Coating contains a light-fast pigment to ensure excellent colour stability throughout its designated life

span.

- Mould Resistant – PermaShield Textured coating contains
- Powerful fungicides to inhibit mould growth & yellowing on the surface.
- Will not Chip, Flake or Peel – Unlike most masonry coatings, PermaShield All Seasons Textured Coating remains flexible, allowing for expansion & contraction within the substrate.
- 15 Years Life Expectancy

Surface preparation

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, lichen and all traces of mould release oils. PermaShield Degreasant Agent should be used where surface contamination is present.

Remove all loose or defective paint or powdery residues by thorough brushing and scraping, using a stiff fibre brush. This can also be achieved by medium/high pressure water blasting the surface. Avoid the inhalation of dust. Wear suitable face mask if dry sanding. Where moss, algae or similar growths have occurred, treatment with PermaShield Multi-Surface Fungicidal Wash should be undertaken after the blasting process. When white incrustation or efflorescence appears on the masonry

All cracks should be raked out and repaired. Check all areas for blown or loose render, restate and match in. Where bitumen is present, remove as much as possible and treat with an anti-bleed sealer.

Surfaces that remain powdery, friable or chalky after thorough preparation should be sealed with PermaShield Stabilising Primer. Before applying to the whole surface, first carry out a test application to a small area. It is important to ensure that a non-glossy dried sealed surface is produced. Note: Do not seal sound, new or bare surfaces with stabilising primer. Roughcast, pebbledash or uneven surfaces should be either slush coated with PermaShield All Seasons Textured Coating or a bag coat of PermaShield AM100 Render.

TEXTURED SPIRIT-BASED MASONRY COATING

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Application

All prepared surfaces should be primed with one coat of Permashield All Seasons Masonry Primer. Surfaces with very high alkali contents should be primed with Permashield Alkali Resisting Primer. All primed surfaces should be allowed to dry for a minimum of 6 hours at 20°C before the final coat is applied. If not overcoated after 4 weeks, re-application of primer should be carried out. Permashield Textured Spirit-Based Coating should be applied in one coat by spray at a uniform minimum application rate of 1 litre per square meter; 1000microns wet film thickness. On textured surfaces such as pebbledash, product usage may be higher. Non-uniform coverage may provide varying textures. Stir well before use. When using different batch numbers or more than one drum on the same elevation, ensure proper colour matching will be achieved.

Spray application guidelines

Gun tip should be held between 12 to 18 inch from the wall. Hold spray gun at right angles to wall at all times. Use either horizontal or vertical motions and overlap on each pass of the gun by 50% to ensure even appearance. Avoid heavy build-up of materials when overlapping

To avoid overlapping marks, a wet edge should be maintained, avoid starting and stopping midway on a wall, continue to spray until a natural break, such as a downpipe or corner is reached.

Technical information

Pack Sizes: 20 & 25lt

Composition (nominal)

Pigment: Lightfast Non-Lead Pigment

Binder: Oil Modified Alkyd Resin in White Spirits

Volume Solids: White 55% (nominal), other colours will vary

Flash Point:>38°C. In the event of fire, extinguish with CO2 or foam

Drying Time: Rain Resistant in 30 minutes. Touch dry in 8 Hours. Fully cured 2 to 3 weeks at 20°C. Drying times will vary according to temperature and humidity e.g. the drying time quoted will be significantly longer in cold, damp conditions.

Spray Application: Graco 10-1 President, Hopper gun or pressure fed pot.

Compressor size: Graco 10-1, 100psi maximum (60cfm delivery)

Pressure pot 100 psi maximum (10cfm delivery)

Hopper Gun 40 psi maximum (10cfm delivery)

Storage: 12 months (if kept in a dry store in the original, unopened container).

Cleaning

Remove as much product as possible from application equipment before washing. Replace lid firmly. Wash equipment immediately after use with white spirits.

Health & Safety information

- Flammable.
- Solvent-Based Paint.
- Repeated exposure may cause skin dryness or cracking.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Keep away from sources of ignition. No smoking.
- When applying do not breathe spray. In case of insufficient ventilation, the wearing of air-fed respiratory protective equipment will always be necessary. Refer to your COSHH assessment.
- Avoid contact with skin and eyes. When applying it is advisable to wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleaner.
- Do not use solvent, thinners or white spirits.
- Keep out of reach of children. Do not use or store by hanging on a hook. Do not empty into drains or water courses. Some local authorities have special facilities for disposing of waste paint.
- Avoid release to the environment. Before use refer to the safety data sheet.
- Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.
- Read the label before you buy: Use pesticides safely.
- This product contains no lead. However, the wood/ metal surfaces, especially if pre-1960, may have been decorated in the past with a paint made with lead pigment. Preparation and removal of such paint can be hazardous.
- VOC CONTENTS HIGH 25%-50% VOCs (Volatile Organic Compounds) contribute to atmospheric pollution.

Disclaimer: The information given in this Data Sheet is for guidance only and is correct to the best of our knowledge. Any person using these products does so at their own risk and we cannot accept liability for the performance of the product, nor for any loss or damage. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification.