



TECHNICAL DATA SHEETS

FLEXIBLE WATER BASED PRIMER

Permashield Flexible Primer is a high quality water based primer ideally suited for a wide range of surfaces. With its low water intake, flexibility and excellent pigment binding properties it gives exceptional adhesion and protection for the final coat and has the added benefit of being solvent free.

Where can it be used

Suitable for Interior and Exterior use on a wide range of surfaces

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

Recommended surfaces

- Masonry
- Wood
- Plaster
- Hardboard
- Fibre glass
- 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 coating protects in the following ways:

- Highly weather resistant
- Self cleaning
- Outstanding durability
- No peeling or blistering
- Allows substrate to breathe
- Excellent adhesion
- Resistant to UV

Surface preparation

Allow new surfaces to dry out completely. Remove all loose or defective paint or powdery residues by thorough brushing and scraping, using a stiff fibre brush. Avoid the inhalation of dust. Wear a suitable face mask if dry sanding.

On new clean, dry surfaces Permashield Flexible Primer can be directly applied to the substrate. Treat any areas affected by mould, lichens, algae and moss with Permashield Multi-Surface Fungicidal Wash.

Make good minor defects. Use sand and cement mix for large holes and cracks. Allow to dry. Surfaces that remain powdery, friable or chalky after thorough preparation should be sealed with Permashield Stabilising Primer. Before applying PSP 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.

Application

Stir well before use. Do not thin, except for absorbent surfaces when a small quantity of clean water may be added. Apply two full coats, allowing 4-6 hours between coats under normal drying conditions. Do not apply when air or surface temperature is below 5°C, or when rain is imminent.

Cleaning

Remove as much product as possible from application equipment before washing. Replace lid firmly. Wash equipment immediately with water. Do not empty product into drains or watercourses.

FLEXIBLE WATER BASED PRIMER

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Pack Sizes: 5, 10, 20 & 25lt

Film Properties

Chemical Resistance: Resistant to mild atmospheric fume attack and to the salts in new mortar, rendering and similar surfaces.

Heat resistance: Not suitable for use on heated surfaces.

Water Resistance: Resistant to the levels of atmospheric humidity normally experienced in exterior environments.

Composition (nominal)

Pigment: Lightfast Non-Lead Pigment

Binder: Acrylic Emulsion with Fungicide/Algicide.

Solvent: Water.

Volume solids: White 39% (nominal), other colours will vary.

Application Method: Brush, Roller or Spray.

Drying Times: Single Coat at standard thickness.

Touch Dry: Normally touch dry after 30 minutes.

Recoat: 2-4 hours. Drying time will vary according to temperature and humidity e.g. the drying time quoted will be significantly longer in cold, damp conditions.

Practical Coverage: On smooth surfaces of low porosity, e.g. rendering, 14-16m²/litre. On textured surfaces of low porosity, e.g. pebble-dash, 4-6m²/litre.

Thinning: Sealing new or bare surfaces – add up to 1 part clean water to 5 parts paint. Conventional spray application – add up to 1 part clean water to 2.5 parts paint.

Spray Application: A typical recommendation for airless spray application is a minimum working pressure on paint of 133 bars (2000lb/sq in) with a spray tip size 0.38mm (15 thou) and a spray tip angle 65°. Suggested pump capacity is 5 litres/minute minimum.

Health & Safety information

THIS PRODUCT IS FOR EXTERIOR USE ONLY

- Ensure good ventilation during application and drying.
- Do not breathe spray. When applying by spray inside, wearing a cartridge mask of Assigned Protection Factor 40 x OEL for particulates is recommended. This should be confirmed by 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.
- This product contains a fungicide. Keep out of reach of children.
- Do not use or store by hanging on a hook. Do not empty into drains or watercourses. 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 and 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 LOW 0.30% - 7.99% 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.