



TECHNICAL DATA SHEETS

UNIVERSAL SPIRIT BASED PRIMER

Technical Data Sheet

Universal Spirit Based Primer is specially formulated from durable resin, providing excellent adhesion as a sealer coat for a wide variety of surfaces. The micro particles of this coating penetrate very easily into the underlying surface. This not only anchors the paint film to the substrate, but gives excellent durability and outstanding water resistant features which enables it to withstand rainfall only 30 minutes after application.

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
- Previously Painted Surfaces
- Fibre glass
- Hardboard

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:

- Water Repellent
- Resistant to UV
- 15 Years Life Expectancy
- Allows substrate to breathe
- Excellent adhesion
- Highly Weather Resistant
- Outstanding Durability
- No Peeling or Blistering
- European VOC Legislation

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 facemask if dry sanding.

On new clean, dry surfaces Universal Spirit Based 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.

Note: Do not seal sound, new or bare surfaces with stabilising primer.

Universal Spirit Based Primer can be applied by brush, short roller or spray. On very absorbent surfaces apply a sealing coat of thinned Universal Spirit Based Primer (no more than 20%). After suitable surface preparation apply one or two coats dependent on the porosity of the surface.

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.

UNIVERSAL SPIRIT BASED PRIMER

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Health & Safety Information

- Solvent-Based Paint
- FLAMMABLE
- 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.
- Contains white spirits. Use only in well ventilated areas.
- 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 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 facemask 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 HIGH 25%-50% VOCs (Volatile Organic Compounds) contribute to atmospheric pollution.

Technical information

PACK SIZES: 5, 10, 20 & 25TL

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: Acrylated Rubber resin.

Solvent: White Spirits.

Volume solids: White 41% (nominal), other colours will vary.

Application Method: Brush, Roller or Spray.

Drying Times: Single coat at standard thickness:

Touch Dry: 1-1.5 Hours @ 20°C/65%RH

Recoat: 12 Hours @ 20°C/65%RH. Drying times will vary according to temperature and humidity e.g. the drying times quoted will be significantly longer in cold, damp conditions.

Practical Coverage: Up to 8m² per litre depending on the surface. 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 140kg/cm² (2000lb/sq in) with a spray tip size 0.38mm (15 thou) and a spray tip angle 65°.

Cleaning: Equipment should be cleaned down with Permashield White Spirits.

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.