



## TECHNICAL DATA SHEETS

### PLIOLITE SMOOTH MASONRY COATING

Pliolite Smooth Masonry Coating is a solvent based smooth masonry paint for all year round application. Based on Pliolite Acrylated Rubber resins, it provides a long lasting coating with good adhesion and resistance to moisture and alkali attack. Pliolite Smooth Masonry Coating is much more tolerant to showery weather during application than traditional water-based exterior masonry paints and can be applied to exterior masonry surfaces at virtually any time of the year.

#### Where can it be used

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

#### Recommended surfaces

- Masonry brick
- Concrete
- Stone
- Roughcast
- Pebble dashed surfaces
- Cement rendering
- 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
- Water repellent
- Allows substrate to breathe
- Excellent adhesion
- Resistant to UV
- 15 Years life expectancy
- European VOC legislation compliant

#### Surface preparation

Ensure surface to be painted is sound, clean, dry and completely free from grease. Treat any mould or lichen with Permashield Multi-Surface Fungicidal Wash.

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 Pliolite Smooth Masonry Coating can be directly applied to the substrate. 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 Permashield Stabilising Primer 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.

Permashield Pliolite Smooth Masonry Coating can be applied down to -5°C by brush, short roller or spray. On very absorbent surfaces apply a sealing coat of thinned Permashield All Seasons Pliolite Based Masonry Coating (no more than 20%). Do not thin for normal application.

#### Application

Stir well before use. Apply two full coats, allowing 3-16 hours between coats under normal drying conditions. Do not apply to surfaces which are to be overcoated with conventional Undercoat and Gloss paint.

#### Cleaning

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

# PLIOLITE SMOOTH MASONRY COATING

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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:** Acrylated Rubber Resin.

**Solvent:** White Spirits.

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

**Drying Times:** Brush, roller or spray - 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 8m<sup>2</sup> per litre depending on the surface.

**Spray Application:** A typical recommendation for airless spray application is a minimum working pressure on paint of 140kg/cm<sup>2</sup> (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.

## Health & Safety information

THIS PRODUCT IS FOR EXTERIOR USE ONLY

- 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.
- 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 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 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.*