

# Smooth Exterior Masonry Finish Data Sheet

## High Performance Paint 30 Year Life Span



### Product Information

#### DESCRIPTION

High performance, water-borne, exterior coating with outstanding anti-carbonation properties.

#### USAGE/PURPOSE

For use as a weather-resistant protective and decorative finish for concrete, cement render, most masonry surfaces, and metals with a suitable primer (*please refer to Technical Service Department*).

#### CHARACTERISTICS

Environmentally friendly, water-borne formulation  
Excellent opacity: easy to apply  
Excellent adhesion to concrete, masonry and metals with suitable primer  
Tested to BS 476 Parts 6 & 7 and meets Class '0'  
Elastomeric and exceptionally flexible - moves with the substrate

#### PERFORMANCE

Outstanding CO<sub>2</sub> and other acid gas resistance  
High UV resistance for lasting appearance  
Dirt repellent  
Waterproof and blister proof  
Resistant to alkali, oil and grease  
Outstanding resistance to weathering  
Excellent R value at low film build  
Moisture vapour permeable  
Bright white colour is non-yellowing and enhances lux values  
  
Has self-cleaning properties, in a good rain shower, dirt and dust is washed from the paint film.

#### FINISH

Smooth, with a slight sheen.

**COLOURS:** Please request a Proud Paints Confidential Colours shade card.

#### ENVIRONMENTAL CONSIDERATIONS

Water-borne. Contains no added lead

#### PACKAGING

Can sizes: 5 Litres.

### Technical Specification

#### COMPOSITION

Pure acrylic dispersion in water with UV absorbers/fillers, and organic and inorganic pigments

**NOTE:** This product contains a fungicide/algicide for the sole purpose of protecting the film

#### PROPERTIES

**VOC content:** 0g/l  
Cat. C: 75g/l (2007)/40g/l (2010)

#### PERFORMANCE CO<sub>2</sub>

**Permeability** ( $\mu$ ) value = 2.410.000  
Air diffusion equivalent: R = 301 metres (at 125 micron dry film thickness).  
Test Certificate No. 2775\*

#### Moisture Vapour Permeability

83.45 g/m<sup>2</sup>/24 hrs. So (m) = 0.533 (at 146 micron dry film thickness).  
Test Certificate No. 2759\*

Moisture vapour permeable and suitable for modern Natural Hydraulic Lime Render

#### Accelerated Weathering

16,000 hrs. (*equivalent to 32-33 years external weathering*).

Test certificate No. 4759\*

#### Salt Mist to ISO 7253

3,800 hrs. Test certificate No. 6434^

#### Adhesion to ISO 4624

Test certificate No. 6434^

#### Washing/ Scrub Resistance USUBEL

5,000 reciprocal cycles Test certificate No. 6434^

#### Fire

Class 1 to BS476: Part 7 (LPC Report TE80640) BS 476: Part 6 - Index of Performance (I) = 5, Sub-index (I1) = 0.3 LPC Report TE80636  
Designated Class 0 as defined in the Building Regulations E15 (I) (e)

#### Research Laboratories

\*Taywood Engineering Ltd. Taylor Woodrow Construction ^CENTRUM voor het EVALUEREN en TESTEN Van het MATERIEEL CEM - kwartier COST

### Surface Preparation

Remove all flaking and loose material back to a sound surface. Make good any defective surfaces and leaking rainwater goods. Ensure all surfaces are clean, dry and firm.

**If there is organic growth:** Remove with a stiff bristle (not wire) brush and apply a liberal coat of Proud Paints Sterilising Solution.

**If the surface is chalky or friable:** Apply Proud Paints Masonry Sealer Weatherproof Primer/ Sealer:

### Application

#### METHOD

Stir thoroughly before use. Apply two coats by brush, roller or spray. Ensure first coat is fully dry before applying second coat (see *Drying Time below*).

#### RECOMMENDED FILM THICKNESS

**Wet:** 167 microns per coat  
**Dry:** 70 microns per coat

#### THINNING

Do not thin. Use straight from can.

#### COVERAGE

Dependent upon the porosity and texture of the substrate. Average 6m<sup>2</sup> per litre. (8m<sup>2</sup> per litre on smooth surfaces of average porosity).

#### DRYING TIME

Dependent upon weather conditions and average temperature. Usually dry and re-coatable in 2-4 hours. Drying will be retarded in conditions of high humidity

#### CLEANING

Clean all brushes, rollers and spray equipment with water immediately after use.

#### LIMITATIONS

DO NOT apply  
- when there is a risk of rain or frost  
- during excessively damp conditions  
- when the temperature is below 5°



## Health & Safety Notes

Detailed information and guidance is provided in Material Safety Data Sheets for Smooth Masonry. The following represents important selected information only: Ensure good ventilation during application and drying. Avoid contact with eyes and skin.

### In case of contact with eyes:

Rinse immediately with plenty of water and seek medical advice

### In case of contact with skin:

Wash immediately with plenty of soap water or a proprietary skin cleanser

When spraying:

- Do not breathe spray
- Wear suitable respiratory protective equipment
- Keep out of reach of children

## ENVIRONMENTAL

The product and its container must be disposed of in a safe way

Do not empty into drains or watercourses.

Local Authorities have special facilities for the disposal of Paint materials. Contractor: Use a paints recycling company to dispose of cans. Call our office for guidance on any disposal questions.

## STORAGE

Store in secure, dry conditions at temperature between 5° and 28°C. Protect from frost. Containers should be kept closed during storage. Avoid spillage and contamination. Do not empty into drains and water courses.

## SHELF LIFE

1 year in original, unopened container, if stored in accordance with recommendations above.

## Specification

Fully written model propriety specifications for Proud Paints products are available from our Technical Services Department.

## QUALITY CONTROL

All Proud Paints products are checked before release using the latest techniques to ensure controlled, consistent high quality.

## Manufacturing Information

Manufactured under a quality system approved by the BSI to ISO 9001 – 2008.



## Additional Information

### TECHNICAL ASSISTANCE

For further information, advice or guidance regarding any aspect of Proud Paints products, please contact the Technical Services Department at the address below.

### WARRANTY

As Proud Paints has no direct control over the methods employed by the user in applying its products, any warranty either written or implied, is given in good faith and can only cover the material itself.