



PREMIER BUILDING
PRODUCTS Ltd

PBP STONECOAT DATA SHEET

GUIDE

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Product Description

A new low cost, lightweight profile system, easy to handle durable and easy to fix. This revolutionary material is an alternative to traditional stone and GRP - A lightweight product capable of withstanding high winds and is virtually maintenance free.

Features

Available in a full range of colours to match traditional stone. Our revolutionary Stone-Coat product uses the latest technology to produce both standard and bespoke designs.

Product Benefits

- Looks like stone, made from light-weight energy efficient material
- Exclusive hard coat system, providing strength and durability
- Easy to install
- Low maintenance
- Standard product range
- Bespoke custom service
- Save time & money
- Mechanical fix available

Specification Data

Tensile Strength ISO 37	18.1MPa
Elongation ISO37	30%
Hardness ISO 76191-1	68 Shore D
Flexural Modulus ISO178	565±35mpA
SG	1.07

General fixing specifications for Stone-Coat composite profiles.

Stone-Coat profiles are Polystyrene EPS200 wire cut or CNC to the desired profiles and then spray coated with a hard and durable Polyurethane surface, the system can then be pre-finished or site finished using virtually any paint or coating system.

Stone-Coat Installation Guideline

1. Ensure surfaces are dry, free of contaminants, loose material and dust.
2. Both the wall surface and ambient temperature shall be a minimum of 5C or higher.
3. Using the tubes of adhesive apply along the full length of each piece using a zig zag operation. To ensure maximum bonding while the adhesive is wet, apply pressure on the entire length of the moulding moving back and forth with a lateral motion. Immediately remove excess adhesive and wipe clean with a damp cloth.
4. You may need to use temporary mechanical fasteners to secure the moulding in place while the adhesive cures. For example: galvanized nails or screws and washers.
5. When joining two pieces together, apply the adhesive between joints in a continuous bead on a downward direction. Leave a gap of 10mm between moulding joints. Fill the 10mm wide gap with joint backer rod to a 5mm depth and apply the Silicone 825 sealant and finish to give a mortar effect joint. (The general guide for Silicone 825 is that the depth should be 50% of width)
6. Apply sealant at the joint between the moulding and the sub structure as required.
7. Allow the material the cure then remove all temporary fastenings.
8. All mouldings must be kept dry at all times prior to installation.
9. If mouldings have been supplied base coat only and a non-jointed finish is required then the joints should be filled with a flexible cementitious adhesive and sanded smooth when fully cured.
10. Larger sized architectural mouldings may require a further mechanical fixing method; details are available from our technical department on a job by job basis.

These are installations guidelines only. All matters related to the integrity and the structural aspect of the building envelope must be approved by a qualified engineer.

Handling & Maintenance

Stone-Coat products can usually be handled manually due to their lightweight nature. Items larger than 1.5m in length should be held at either end to avoid over bending. When drilling or cutting Stone-Coat products, safety glasses and face masks should be worn.

If necessary Stone-Coat may be cleaned household cleaning agents, with hot water and a cloth or brush. The product should be allowed to air dry naturally.

Stone-Coat can be painted with regular exterior paint.