

Introduction

Crestapol[®] 1240 is a no surface prep over laminating resin that saves you time and cost by avoiding sanding, priming and dust generation.

It's based on urethane acrylate technology and is recommended for re-laminating polyester composite panels, including those produced by infusion.

It's excellent adhesion performance means it can be used in a wide range of assembly configurations without having to prepare the surface as well as a primer.

Crestapol[®] 1240 key features

- ▶ No surface preparation
- ▶ Avoid sanding and dust generation
- ▶ Very strong adhesion
- ▶ Standard MEKP Catalytic system
- ▶ Low viscosity
- ▶ Suitable for contact moulding lamination

Formulation

Crestapol[®] 1240 must reach room temperature, around 20°C before application.

MEKP catalyst type is required to initiate product cure.

The product must be mixed before use using a low shear mixer to ensure that it is homogeneous during use.

Surface preparation

Surfaces must be clean, dry and free of grease before application.

Gel time and catalyst level

| Ambient temperature | Catalyst type and level | Gel time |
|---------------------|-------------------------|-------------------|
| 23°C | MEKP, 2% | 32 – 40 minutes * |

*: Measured in laboratory conditions.

Scott Bader's technical support department can provide further information on request.

Properties

| Property | Unit | Liquid product |
|--|-------|-----------------|
| Aspect | - | Turbid - bluish |
| Viscosity | dPa.s | 20 - 32 |
| Specific gravity | - | 1,12 |
| Stability to storage in recommended conditions | Month | 12 |
| Volatile content | % | 46 - 52 |

| Property | Unit | Cured product |
|--|--------|---------------|
| Heat deflection temperature under load (1.80MPa) | °C/ °F | 45 |
| Tensile strength* | MPa | 27 |
| Tensile modulus * | MPa | 2000 |
| Elongation at break * | % | 26 |

* Cure cycle at 20°C, 2% MEKP catalyst. - 24 hours at 20°C then 3 hours at 80°C.

Storage and shelf life

Crestapol[®] 1240 must be stored at a temperature between 2°C and 23°C (36°F and 77°F) in its original, closed packaging, in a dry, ventilated area. The product must be protected from frost and direct sunlight.

The shelf life of the product is from the date of manufacture and under the recommended storage conditions. The expiry date is indicated on the certificates of analysis.

Packaging

Crestapol[®] 1240 is supplied in 25kg cans, 200kg drums and 1000kg containers. There are recycling and reuse channels for those packaging. Scott Bader also uses recycled packaging.

Health and safety

Read and understand separate safety data sheet.

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