

Product Datasheet

Alumasc Ballast Bond

Sheet No: PD419FR

Issued: January 2018

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Description

2-component solvent-free low viscosity primer with an epoxy resin base.

Applications

Used as a ballast or aggregate bonding compound to create a clear continuous surface film to bind ballast/stone and prevent wind scour.

Pack size:

| | |
|---------|-------------------------|
| 17.1 kg | base resin |
| 7.9 kg | hardener |
| 25.0 kg | mixed and ready for use |

Colour: Transparent

Storage

Shelf-stable for 12 months if stored dry and unopened within a temperature range of +10 °C to +25 °C. Keep away from direct sunlight and temperatures below the permissible range in storage and on the construction site.

Conditions for use

Alumasc Ballast Bond can be applied at substrate and ambient temperatures between +10 °C and +30 °C. The relative humidity must not exceed 75 %.

Preparation of the substrate

The aggregate or round washed stone ballast to be coated must be dry and free from excessive contamination or dust.

Mixing instructions

Thoroughly mix the base resin before adding the corresponding quantity of hardener. Mix using a slow-running mixing machine for at least 3 min. Transfer to another receptacle and mix again for at least 2 min. Avoid stirring in air.

Mixing ratio

The mixing ratio corresponds to the pack size. 100 : 46 parts by weight of base resin : hardener

Application Rate

The application rate is dependent on the size and distribution of the stone/aggregate to be bound, but is typically 1kg/m², drizzled through a perforated pan or similar. Pour slowly until a continuous surface film is achieved.



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Pot Life

Approx. 15 min. at +20 °C

Drying time

Can be walked on after: approx. 24 hrs. at +20 °C
Can be recoated after: approx. 12 hrs. at +20 °C
Can be recoated within: approx. 24 hrs. at +20 °C *

Mechanically resistant after: approx. 7 days at +20 °C
Chemically resistant after: approx. 28 days at +20 °C

Health & Safety

Safety Data Sheets are available upon request, and can also be downloaded directly from www.alumascroofing.co.uk

Technical Support

Technical advice is available from the Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Email: technical@alumascroofing.com

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