

Technical Specification

Repair Mortar for repairing thin sections and blowholes

Adopatch Fairing Coat is a single component polymer modified levelling material specially formulated to re-profile concrete in thin applications without cracking.

USES

Adopatch Fairing Coat is designed for application to concrete surfaces which are to receive a compatible protective coating. Improves the aesthetic appearance of concrete surfaces, fills honeycombing and blow holes and levels up concrete surfaces.

Advantages

- Single component – easy to use.
- High polymer content – reduces the risk of cracking.
- High bond strength.
- Cost effective – easily over coated preventing excessive consumption of coatings.
- Fair faced finish

Typical Properties

Compressive Strength N/mm²

1 day 5.0

7 days 8.0

28 days 13.0

Flexural Strength N/mm²

1 day 1.0

7 days 2.5

28 days 4.0

Coefficient Thermal Expansion 13.6 x 10⁻⁶ oC

WSR: 0.18

Fresh Wet Density: 1875 kg/m³

Initial Set: 2 hours

Final Set: 3 hours

Application thickness: 1 – 6mm

Yield: 15.75 litres / bag

Application

MIXING

Adopatch Fairing Coat should be mixed using water which complies with BS EN 1008 (as for concrete).

Adopatch Fairing Coat should be mixed in a suitable container using either an electric (1Kw) or pneumatic power tool. Larger amounts MUST be mixed in a FORCED ACTION paddle mixer.

25kg of /Fairing Coat should be added carefully to 7 litres of water, progressively mixing until a good render consistency is achieved.

Once mixed the material must not be re-worked.

PLACING

All areas to be treated should be clean and sound and free from dust, laitance or any other deleterious material which would interfere with the bonding of the product to the concrete.

Wet grit blasting is the ideal preparation however high pressure water jetting or other suitable mechanical means can be used.

The prepared substrate should be thoroughly soaked with clean water and uniformly saturated with no free standing water.

Priming is not normally required with this product unless the substrate is highly porous and there is excessive suction. If priming is deemed necessary then follow the procedure on the Adomast Concrete Primer A technical data sheet.

Adopatch Fairing Coat should be applied in layers not exceeding 6mm in thickness using a suitable steel or wooden float taking care to avoid air entrapment.

Coverage

Adopatch Fairing Coat is available in nominal 25kg sacks, palletised and shrink wrapped.

Coverage approx. 15m² at 1mm deep

Storage

Palletised Adopatch Fairing Coat should be stored in cool dry areas clear of the ground sheeted or under cover and stacked not more than two pallets high.

Shelf Life

Shelf life is minimum 3 months but could be in excess of 6 months subject to temperature and humidity.

Specification

Adomast Fairing Coat is supplied by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

Health and Safety

During application avoid contact with eyes and skin. In the event of eye contact irrigate immediately with copious quantities of water and then seek medical advice. In the event of skin contact, wash with soap and water.

Wear protective eyewear and gloves when handling and using.

See Safety Data Sheet for further information.