



FLEXIBLE, ONE-COMPONENT HIGH PERFORMANCE BONDING BRIDGE COATING FOR NON-POROUS SURFACES IDEAL FOR DINCEL & REDIWALL PERMANENT FORMWORK

DESCRIPTION

EASYBOND is a one-component cement-based mortar. Once mixed only with water, it provides a high-performance flexible key coat bonding bridge for application to NON-POROUS substrates as well as providing waterproofing on POROUS surfaces as a 2-coat application.

APPLICATION FIELDS

To provide a cementitious key coat bonding bridge on Permanent Formwork i.e. DINCEL, REDIWALL as well as non-porous surfaces such as (powdercoated) metal, or PVC.

To provide a cementitious 2-coat waterproofing system for NON-POROUS substrates against both negative/positive pressure.

Excellent base for application of renders, paints, tiles and stonework.

ADVANTAGES

- Provides a base coating suitable for substrates subject to Thermal movement.
- Environmentally friendly and suitable for application in poorly ventilated areas.
- Acts as an anti-fracture membrane between the substrate and other finishing coats
- Does not require primer, scuffing or sandblasting.
- Up to 15 years life expectancy (depending on application area and usage)

APPLICATION INSTRUCTIONS

Surface preparation: The surface to be coated must be sound, clean, and free of all traces of paint, dust, grease, efflorescence, loose particles, gypsum, plaster, and mould release compounds. Holes, voids, honeycombs and cracks, once opened to a minimum 2cm apply MAXEST®

Exposed steel bars must be cleaned and patched with MAXREST® (Technical Bulletin no. 4) with 1cm minimum thickness.

If steel bar is corroded, treat with the oxide converter MAXREST PASSIVE® (Technical Bulletin no. 12). On POROUS surfaces Thoroughly wash down with water. Remove all free-standing water before applying EASYBOND.

Apply EASYBOND by texture or foam roller or broom spreading a homogeneous and continuous coating of 1mm approximately. Once applied, do not overwork the surface, and do not apply as if it was paint. Allow a drying time of minimum 3 days.

For large areas EASYBOND can also be sprayed. When sprayed, comb the fresh Coat with a roller to make sure that the whole surface is covered homogeneously. On fissures, floor/wall joints, corners and cracks, apply a first coat of EASYBOND at 1kg/m² and while it is still fresh, place MAXMESH either 50mm or 200mm strip.

Apply second coat of 1mm (1kg/m²) after 6hrs.

MIXING

A 20 kg bag of EASYBOND requires 6 – 6.3 litres of water (20 ± 2 %), depending on application temperature and substrate conditions. Pour the required amount of water in a clean container, slowly add EASY BOND mixing by a slow speed electric drill (400-600 rpm) fitted with a disc mixer for about 2 to 3 minutes until achieving a lump-free and homogeneous mix. Allow the mixture to rest for 2 to 3 minutes to fully wet out all the powder, and then remix briefly before applying. To keep the workability of the fresh mortar, remix again briefly, but do not add more water. Do not mix product that cannot be applied within 20 to 30 minutes.

CURING

Curing time for putting into service is 3 days, at 20°C and 50% Relative Humidity

CLEANING

All tools must be cleaned with water after use. Once it cures can only be removed by mechanical methods.

PACKAGING

EASYBOND is supplied in 20kg bags, available in grey.

STORAGE

Twelve months in its original unopened packaging, in a dry and covered place protected from humidity, frost and direct sunlight, at temperatures above 5 °C.

IMPORTANT CAUTIONS

Do not add cement, admixtures, sand or any other compound.

In case of doubt related to the kind of water to be in contact with EASYBOND or other uses not specified on this Technical Bulletin, consult Technical Department.

CAUTION

We do NOT recommend the use of EASYBOND over ZINC or ZINC-COATED surfaces, treat these surfaces using Maxrest Passive as per Technical Data Sheet prior to coating.

SAFETY AND HEALTH

EASYBOND is an abrasive compound so protective rubber gloves and goggles must be used during application. In case of eye contact, rinse thoroughly with clean water, but do not rub. In case of skin contact, wash affected areas with soap and water. If irritation continues, seek medical attention.

SPECIAL CAUTION

When applying single heavy or large cladding ensure correct adhesive is used. Apply adhesive to entire surface, do not spot apply. Limit single weight to 20kg. If item/m² exceeds this, also use fixing anchors.

TECHNICAL DATA

PRODUCT CHARACTERISTICS

Description: One component cement-based Mortar.

General appearance and colour: Grey powder

Density: 1.12 ± 0.1 g/cm³

Mixing water: 20-22%

APPLICATION AND CURING CONDITIONS

Minimum application temperature for substrate and ambient: > 5°C

Pot life: 20-30 minutes at 20°C & 50% Relative Humidity

Minimum / Maximum drying-time between coats: 6-24 hours at 20°C & 50% Relative Humidity

Curing time:

Mechanical load: (covering with gravel, renders, plasters, tiles, etc.) - 24 hours at 20°C & 50% Relative Humidity

Water immersion: 3 days at 20°C & 50% Relative Humidity

CURED PRODUCT CHARACTERISTICS

Permeability to water vapour, EN ISO 7783-1 / 2 Classification: Class 1 Permeable to water vapour (13.7g/m² per-day) / 1.6m

Permeability to water and capillary absorption: EN 1062-3. 0.005 kg/m²·h^{0.5}

Permeability to CO₂: EN 1062-6. S_D 64m

Crack-bridging capability, UNE-EN 1062-7: Class 3 (>0.5mm)

Adhesion at 28 days (EN 1542): Concrete >4 MPa, Steel: >4 MPa

CONSUMPTION*

Consumption per coat/total application: 1-2kg/m²

* These figures are for guidance only and may vary depending on porosity, substrate conditions preliminary test on-site to ascertain the total exactly under jobsite conditions

Successfully tested to meet AS/NZ1530.3.1999:-

CMA Pty Ltd guarantees that the product has no defective materials and is manufactured and sold subject to standard conditions for supply of goods and services. Produced under ISO 9001, A twelve-month warranty is given on the product shelf life from date of production. The use of our products is beyond our control.

CMA Pty Ltd cannot accept any responsibility for any loss or damage arising directly or indirectly from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it. The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. As methods of application and conditions of use are beyond our control, neither manufacturer nor seller will assume any responsibility for the use or misuse of our products, whether or not in accordance with any advice, specification, recommendation or information given by it. This includes, but is not limited to, any consequential or incidental damage. We offer a 7 year warranty to support our system for application by a certified applicator(s) providing workmanship warranty of their work and in accordance with the specifications given. Full warranty details available from:

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