



# EASY BOND

## ONE-COMPONENT BOND FLEXIBLE COATING

### DESCRIPTION:

**EASY BOND** 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.

### APPLICATION FIELDS

To provide a cementitious key coat bonding bridge on Permanent Formwork i.e. DINCEL, REDIWALL, CLEARWALL as well as non-porous surface such as (powdercoated) metal, or PVC. 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 INSTRUCTION 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 2 cm in **MAXEST**® Exposed steel bars must be cleaned and patched with **MAXREST**® (Technical Bulletin no. 4) with 1 cm. minimum thickness.

If steel bar is corroded, treat with the oxide converter **MAXREST PASSIVE** (Technical Bulletin no. 12). **Thoroughly wash down and saturate the substrate with plenty of water. Remove all free standing water before application of Maxrest.**

Apply **EASY BOND** by Texture or foam roller, broom or SPRAYING. 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 **EASY BOND** can also be sprayed, When sprayed, comb the fresh Coat with a broom to make sure that the whole surface is covered homogeneously. On fissures, joints, corners and cracks, once repaired, apply a first coat of **EASY BOND** at 1,0kg/m<sup>2</sup> and while it is still fresh, place **MAX MESH** either 50 mm or 200 mm strip.

**JOINTS can be filled using Easy Bond as a mortar mix**, apply using putty knife, allow to cure before application of key coat.

### Mixing:

A 20 kg bag of **EASY BOND** requires **200ml water to 1Kg powder** (4 lit per bag), 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 4 to 5 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 – 30 minutes.

### Curing

**Curing time for putting into service is 3 days, at 20°C and 50% R.H**

### Cleaning

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

### PACKAGING

**EASY BOND** 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 **EASY BOND** or other uses not specified on this Technical Bulletin, consult Technical Department.

### CAUTION:

We do NOT recommend the use of **EASY BOND** over ZINC or ZINC coated surfaces, treat these surfaces using Maxrest Passive as per TDS prior to coating.

### SAFETY AND HEALTH

**EASY BOND** 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.**

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## 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, (g/cm <sup>3</sup> )	1,12 ± 0,1
Mixing water, (%)	20-22
Application and curing conditions	
Minimum application temperature for substrate and ambient, (°C)	> 5
Pot life at 20 °C & 50 % R.H., (min)	20 - 30
Minimum / Maximum drying-time between coats at 20 °C & 50 % R.H., (h)	6
Curing time at 20 °C & 50 % R.H.(hrs):	
- Mechanical load: covering with gravel, renders, plasters, tiles	24
- Water immersion days	3
Cured product characteristics	
Permeability to water vapour, EN ISO 7783-1/-2. Classification	Class I: Permeable to water vapour
V (g/m <sup>2</sup> ·day) / S (m)	13,7 / 1,6
Permeability to water and capillary absorption, EN 1062-3. w (kg/m <sup>2</sup> ·h <sup>0.5</sup> )	0,005
Permeability to CO <sub>2</sub> , EN 1062-6. S <sub>D</sub> (m)	64
Crack-bridging capability, UNE-EN 1062-7	Class A3 (>0,5 mm)
Adhesion on concrete at 28 days, EN 1542 (MPa)	>4.0
Adhesion to steel	>4.0
Consumption*	
Consumption per coat/total application, (kg/m <sup>2</sup> )	1 - 2

\* These figures are for guidance only and may vary depending on porosity, substrate conditions and application method. Perform a 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.

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