

MasterBrace P 3500[®]

Epoxy Primer for MasterSeal Roof, MasterBrace FIB Fabric/ laminate

DESCRIPTION

MasterBrace P 3500 is a two-component solvent-less epoxy system which when mixed yields a penetrating medium viscosity primer

RECOMMENDED USES

For use as a primer prior to the use of the **MasterSeal** waterproofing and **MasterBrace 4000** and **MasterBrace 4500** adhesive when used in conjunction with **MasterBrace FIB fabric/Laminates**.

FEATURES AND BENEFITS

- **Excellent adhesion to concrete substrate** – Ensures transfer of loads
- **Solvent free** –Low VOC and non-shrink
- **Pre-packaged** – avoids on site errors ensuring quality control
- **Cures at low and high temperatures** – suitable for a range of climates. 10⁰ -45⁰

PROPERTIES

Aspect	Free flowing liquid
Mixed density	1.07 ± 0.02 Kg/L
Volume solids	100%
Mixing ratio, by weight	100(Base):50(Hardener)
Coverage	4-6 m ² per Kg
Pot Life	40 Minutes at 25°C
Tack Free Time	6 Hours at 25°C
	3 Hours at 40°C
Adhesive bond strength to concrete (ASTM D4541)	> 1MPa or concrete Failure

In the cold weather conditions, pre-condition the materials by keeping it in a heated room. Do not apply MasterBrace P 3500 if ambient temperature is less than 5°C.

APPLICATION

Surface preparation.

Remove all grease, oil, dust residual curing compound, mould release agent or other contaminants that could impair adhesion.

Spalled concrete should be cut back to sound concrete and made good using suitable **MasterEmaco** repair products.

Laitance should be removed preferably by light sweep blasting or hydro-jetting. Mechanical wire brushing may be appropriate for small areas. Apply **MasterBrace P 3500** as primer using roller or brush and wait until tacky for **MasterSeal Roof** and dry for the adhesive application

Mixing

Mechanically mix component A before adding component B. When component B has been added, mix for approximately 2 minutes or until a homogenous mix has been obtained.

Application of MasterBrace P 3500

Apply **MasterBrace P 3500** by brush or roller to the prepared substrate at a coverage of 4-6m²/Kg. Only mix as much primer as can be applied within its pot life. Allow to become tack free before application of the **MasterBrace 4500** and **MasterBrace 4000**.

For MasterSeal Roof, the primer should be tacky before any overlay

ESTIMATING DATA

Typical consumption of 4-6 m²per Kg however actual consumption will vary as per the substrate conditions.

PACKAGING

MasterBrace P 3500 is available in 1 and 5kg packs

SHELF LIFE

MasterBrace P 3500 can be stored in tightly closed original containers for 12 months at a moderate temperature.

PRECAUTIONS

Please refer the Material Safety Data Sheet for handling and storage of this product.

MasterBraceP3500/02/0517

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Master Builders Solutions India Private Limited
Registered office: Plot No D-126,
TTC Industrial Area, MIDC,
Shiravane, Navi Mumbai - 400706,
Maharashtra, India
Tel: +91 8657906776
E-mail: Construction-india@mbcc-group.com
www.master-builders-solutions.com/en-in

