

**Bonding Promoter Primer**

**DESCRIPTION** • *BondPrime XT* is a liquid applied, single-component, water-based bonding primer for use on internal and external walls and floors. *BondPrime XT* is a multi-purpose bonding promoter primer designed to improve the adhesion of cementitious compounds such as plaster and overlays on concrete, cement boards, gypsum boards and non-porous substrates such as ceramic tile and stone.

**USES** • *BondPrime XT* is applied on various substrates to improve the adhesion of cement-based plaster, overlay, self-leveling compounds and adhesives that would be later applied on the substrate. *BondPrime XT* can be applied on non-porous surfaces such as ceramic and marble tiles to allow the later application of cementitious materials such as self-leveling overlays or underlays and topping systems. *BondPrime XT* improves the adhesion of tile adhesives of a new tiling floor when applied on old ceramic or stone tiles.

**ADVANTAGES** •

- ✓ Water based, low VOC.
- ✓ Excellent adhesion to non-porous surfaces and various types of surfaces.
- ✓ Liquid applied; easy to apply with roll or brush.
- ✓ Interior and exterior applications.
- ✓ Excellent resistance to Chlorides and Alkalis.
- ✓ Good impact resistance and tensile strength.

**LIMITATIONS** • Do not mix or apply if ambient temperature is expected to drop below 5°C or exceed 35°C, or if rain is expected in the proceeding 24-hour period after application. Do not allow to freeze. Do not apply over frozen surfaces, rust, water-soluble paints or peeling paint. Do not apply where hydrostatic pressure might be present. Do not apply on continuously damp surfaces. Do not dilute. When applied as a primer, protect primer coat from dirt and other contaminants until topping is applied. For application of self-leveling overlays or adhesives on concrete screed, it is recommended to use A-Z *PrimeBond* instead of *PrimeBond XT*.

**PHYSICAL PROPERTIES** •

Solid content	70%
Color	Gray
Water resistance	Resistant
Drying Time	20-30 min.
Pull Off Strength on Ceramic Tile	10 MPa

**COVERAGE** • Application rate will vary according to surface conditions, application technique and job

conditions. Coverage rates are approximately 3-5 m<sup>2</sup>/kg per coat depending on surface profile and roughness of substrate.

**SURFACE PREPARATION** • All surfaces should be clean, dry and free from dust and other contaminants. Wet substrates should be sponge dried to remove all free surface water then air dried. Treat oil or grease contamination with degreaser followed by water or steam cleaning. Substrate should be thoroughly cleaned dry and free of dust, loose mortar, grease, oil, and other contaminants.

New concrete floors should be at least 28 days old and have a moisture content of less than 5%. The relative humidity at the surface should not be more than 25% as per BS8201:1981. Excessive laitance should be removed by mechanical methods. Dust and other debris should be removed by vacuum cleaning.

Damaged areas or surface irregularities should be repaired using *MortCrete 3000* or other suitable material. All cracks larger than hairline shall be considered as moving and must be repaired with *MortCrete 3000*. All delaminated and splashed areas of concrete shall be repaired prior to application of *BondPrime XT* with *MortCrete 3000*. Remove all unsound concrete. Patches shall be flush with the surrounding surface and shall match the texture of existing surfaces.

**MIXING** • Lightly stir the contents for 2-3 minutes using a jiffy mixing blade attached to a low-speed drill (200-300 RPM) for five minutes. Ensure that the components are thoroughly and evenly distributed, eliminating any settlement that might have occurred in the container.

**APPLICATION** • After mixing, *BondPrime XT* should be immediately applied to the dry surface while ensuring a continuous coating of uniform thickness is obtained. A stiff nylon brush or short nap roller is recommended for such application. A brush may be used for touch-up and edging work or for areas unsuitable for roller application. Topping and plasters may be applied on the substrate once the *BondPrime XT* is dry to the touch, usually 20-60 minutes depending on ambient conditions.

**CLEANING** • Promptly clean all tools and equipment with clean water.

**STORAGE** • Product should be stored at 25°C in dry conditions away from direct sun light. Shelf life is approximately 12 months from date of purchase in

original unopened container at specified storage temperature.

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**SAFETY PRECAUTIONS** • Protective clothes such as coveralls, goggles and respiratory masks shall be worn. If spilled into eyes, wash with plenty of water immediately and if irritation persists seek medical treatment.

**KEEP AWAY FROM CHILDREN.** The application of material should be under good ventilation. Avoid inhalation of the vapors. Always wear protective clothing, goggles, vinyl gloves, and vapor mask. **DO NOT TAKE INTERNALLY, MAY BE FATAL IF SWALLOWED.** First aid: Eyes – flush with water and seek medical attention immediately. Do not use any solvents. Ingestions – give several glasses of water or milk and seek medical attention immediately. Contact with skin – wash affected area immediately. Inhalation – move to fresh air.

The product complies with environmental and occupational health & safety standards ISO 14001 and OHSAS 18001.

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**PACKAGING** • 5 kg container.

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### Creative Concrete Concepts

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