

## Casuprim HB Bonding Primer

Casuprim HB Bonding Primer is a fast-drying, solvent-free dispersion-based primer incorporating silica sand for gypsum-based machine and hand applied plasters on concrete or similar low suction, smooth substrates. Casuprim HB is dyed green for easy identification of primed substrates. Casuprim HB is breathable, low odour and alkali resistant. Casuprim HB is also suitable as a primer on CA and CT screed substrates to receive Casufloor DE and Casufloor FS compounds.

- ready-to-use and quick-drying
- ideal for pre-cast concrete substrates
- for walls and floors
- solvent-free
- EC1<sup>PLUS</sup> very low emission<sup>PLUS</sup>
- for indoor use

### Field Of Application and Substrates

Casuprim HB is used where concrete substrates are plastered using a gypsum based plaster. Priming with Casuprim HB decreases the deleterious reaction between concrete and gypsum (ettringite formation) and provides the applied plaster with a good key and adhesion. At the same time the absorption capacity of the concrete is balanced. Maximum permissible moisture content of the concrete substrate should be < 3% CM. The substrate must be sound, dry, clean, and free of efflorescence, laitance, release agents and any other contaminants that may prevent proper adhesion.

### Application

Casuprim HB may be applied by brush, roller or fine spray gun. When applied by machine spray application, Casuprim HB may be diluted with a small amount of water in order to achieve the correct spraying consistency. Do not add in any other materials. Before use Casuprim HB should be stirred vigorously. A bucket (20 kg) is sufficient for about 100 square meters, depending on the nature of the substrate.

## Restrictions

During application the temperature must not drop below +5 °C or rise above +30°C.

## Cleaning

Once dried, primer is difficult to remove, thus care should be taken to clean tools quickly before the primer dries.

## Tools

Lambswool roller, foam roller, trowel, brush; wash tools with water immediately after use.

## Packaging

Buckets: 20 kg, 32 buckets per pallet.

## Storage

Protect against sub-zero temperatures and frost. In original sealed containers, material can be stored for approx. 18 months.

## Disposal Considerations

13.1 Waste treatment methods. Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

## Technical Data

Colour	Green
Specific Weight	1.2 kg/l
Base	Acrylic dispersion with quartz sand
Eu-Norm	EU 2004/42/II Kat. (A/h): 30 g/l (2010).
VOC Value	≤ 1 g/l VOC
Yield	Approx. 100m <sup>2</sup> per 20kg bucket, depending on substrate
Drying Time	1 - 2 hours

## Safety

Classification according to Regulation (EC) No 1272/2008. The product is not classified according to the CLP regulation. Label elements: Labelling according to Regulation (EC) No 1272/2008: Void. Hazard pictograms: Void. Signal word: Void. Hazard statements: Void.

## Relevant phrases

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

All standard precautions for the handling of construction materials/chemicals must be taken. See CASEA Health and Safety Data Sheet for further detailed information.

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