



COGRI WB PRIMER

DESCRIPTION

COGRI WB Primer is a two pack, water dispersible Epoxy based primer/sealer/clear coating designed to meet the technological and ecological requirements of modern building and industrial practice. **COGRI WB Primer** is non-flammable and solvent free, is low odour, and may be applied to dry or damp surfaces. **COGRI WB Primer** has excellent adhesion to most building materials, is non-toxic once cured and consequently is a highly versatile material lending itself to application in many different circumstances.

TYPICAL USES

As a clear sealer for concrete and masonry surfaces. As a primer for COGRI Coatings e.g. COGRI HB and COGRI WB. As a damp surface primer or sealer for concrete. Suitable for use in general industrial areas including warehouses, food factories, abattoirs, dairies, laboratories, subways, chemical bunds etc.

ADVANTAGES

- Excellent adhesion to dry or damp surfaces
- Low odour
- Easily applied
- Taint free
- Very good chemical and abrasion resistance
- Economical and versatile

Typical Properties

Pot Life	@ 20C: 45 Minutes @ 10C: 90 Minutes
Colours	Goose Grey, (BS4800 or RAL on request)
Adhesion 10 dry concrete	4N/mm' (concrete failure)
Adhesion to damp concrete	4.1N/mm' (concrete failure)
Chemical resistance	Excellent resistance to water, dilute acid s. dilute alkalis, petrol, diesel, white spirit, skydrol, etc. Specific advice will be provided by our technical section

Packaging

COGRI HB Primer is supplied in 10kg packs.

PROCEDURE

Surface Preparation

a) Concrete shall be a minimum of 21 days old with a moisture content below 75% Relative Humidity (RH) or a moisture content below 6%.(by weight). Ensure the concrete is clean and free from dust, laitance, grease, oil, curing compound, floor coatings etc. Damaged and defective concrete shall be made good using a suitable repair material such as COGRI Arris Repair Mortar. Suitable mechanical cleaning by shot-blasting, diamond grinding should be carried out prior to the as this provides a mechanical key for the coating.

b) Steel surfaces shall be shot blasted or grit blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application. If a delay is likely to occur between blasting and application then it is recommended that a coat of suitable steel primer is applied as holding primer to obviate flash rusting.

Mixing

COGRI WB Primer is supplied in pre-weighed containers ready for mixing. Pour the contents of the CURING AGENT tin into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour is achieved. A low speed drill with paddle attachment is recommended for mixing operations. Note: Thinning of the material is not usually necessary. However, it is permissible to thin **COGRI WB Primer** by the addition of up to 20% by volume of clear water. This will reduce the viscosity, and facilitate application.

Application

Apply by brush, roller or airless spray at a nominal rate of 5 m² per KG. As a sealer or clear coating, a second coat should be applied after a minimum of 16 hours, and before a maximum of 48 hours. As a primer, over coating may be commenced as soon as the initial milky appearance has cleared.

Equipment Cleaning

Clean equipment with a suitable cleaning agent immediately after use.

Curing

COGRI WB Primer will be touch dry following 6 hours cure @20C, and hard dry after 16 hours cure @ 20C. Full chemical resistance will be attained following 7 days cure @ 20C. Good ventilation is essential to allow satisfactory evaporation of water from the film.

Storage and Shelf Life

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

COGRI WB Primer has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturers instructions.





Coverage

A 10kg pack is sufficient to prime 50 m², of surface.

Limitations

Do not apply to uncured surfaces.

Do not apply **COGRI WB Primer** to surfaces previously treated with water repellent chemicals.

Do not apply to temperatures below 3C, or if there is a risk of frost during the initial curing period.

Do not use **COGRI WB Primer** that has exceeded the stated pot life.

Protect from water splashes during the first 24 hours of cure, as the fresh film is sensitive to water.

Relative humidity must be below 85% during the early stages of curing.

Do not apply in badly ventilated areas.

Health and Safety

Avoid contact of the material with skin and eyes.

Wear gloves and goggles.

Wash off splashes immediately with soap and water.

Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information.

COGRI WB Primer shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product please consult our Technical section.

For further information and sales please contact:

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