

Lambert® 002

Epoxy Based Bonding Agent and Anti-Corrosion

Description Lambert 002 is a two-component, epoxy bonding agent and anti-corrosion for concrete construction applications. Lambert 002 is designed to give superior adhesion between new and existing concrete pours and provides corrosion protection for exposed reinforcing steel.

Uses

- ❖ Between old and new concrete
- ❖ As a primer for topping mixes
- ❖ As a high-performance flooring adhesive
- ❖ Reinforcement Protection

Advantages

- ❖ High strength bonding / adhesive
- ❖ Easy to use
- ❖ Excellent adhesion to most structural materials
- ❖ Insensitive to moisture before, during and after cure
- ❖ High effective, even on damp surfaces
- ❖ Helps to protect reinforcing steel from corrosion

Coverage 0.3 – 1.0 kg/m², depending on substrate condition.

Surface preparation Surface must be clean and sound. Remove dust, laitance, grease, curing compounds, impregnation, waxes, foreign particles, disintegrated materials.

Preparation work

Concrete – Sandblast or use other approved mechanical methods.

Steel – Sandblast to white metal finish.

Application To bond fresh concrete to hardened concrete. Apply by brush, roller or broom, place fresh concrete while Lambert 002 is still tacky.

Mixing

Pre-mix each component. Mix thoroughly for 3 minutes with a paddle on low-speed (400 – 600 rpm) drill. Mix only that quantity can be used within its pot life.

Technical Data

Colour	Grey
Mix ratio	Comp. A : B = 1 : 1 by volume
Mix density	1.43 g/cm ³
Pot life (100 g mix) 30°C	20~25 minutes
Tensile strength	25 N/mm ² (BS 6319)
Tensile bonding strength	11.5 N/mm ² (117 kg/cm ²)
Tensile shear strength	9.0 N/mm ²
Compressive strength 7 to 28 days	80 to 90 N/mm ² (BS 6319)
Compressive shear strength	Concrete failure approx. 10.0 N/mm ² (to F.I.P)
Shelf life	1 year when unopened
Packaging	5 kg set

Notes

The information, and, in particular, the recommendations relating to the application and end use of Lambert products, are given in good faith based on Lambert's knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respects of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

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