

### Description

Resbuild LMP has been developed to provide a durable lining material for application to concrete substrates.

The material is supplied as a two pack system, comprising pre-weighed amounts of BASE and CURING AGENT. After mixing together, an easily applied chemical and abrasion resistant finish is produced.

### Typical Uses

As a lining material for industrial and commercial floors. To demarcate parking bays, walkways, aisles, etc.

### Advantages

- Solvent free, low odour
- Very good chemical resistance
- Excellent adhesion to concrete and steel
- High build
- Tough and durable
- Easily applied
- Hygienic and easily cleaned
- Fast Curing

### Typical Properties

Pot life @ 20°C: 20 Minutes

Pot life @ 10°C: 40 Minutes

Colours: Safety Yellow (BS4800 or RAL colours can also be supplied)

Tack Free Time @20°C: 2 hours

Hard Dry Time @ 20°C: 5 hours

Full Chemical Resistance @20C: 7 days

Coverage: 0.40-0.80kg/m<sup>2</sup>

Adhesive strength to Concrete: 3.9MPa (concrete failure)

Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils. Specific advice will be provided by our Technical Department.

### Packaging

Resbuild LMP is supplied in 2.5kg and 5kg packs.

### Procedure

#### Surface Preparation

- Concrete shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, and existing paint finishes etc. Blow holes and defective concrete shall be made good using a proprietary repair compound, e.g. Resbuild Floorpatch or Resbuild EPA Epoxy Mortar. Existing coatings shall be sound & free from contaminants. Suitable mechanical treatment such as vacuum gritblasting is the preferred treatment prior to application as this ensures a mechanical “key” for the coating.

#### Mixing

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour is achieved.

#### Application

Apply by brush, short piled roller or airless spray, at a nominal rate of 0.40-0.80kg/m<sup>2</sup>

#### Equipment Cleaning

Clean equipment with Resbuild Toolclean prior to curing of the coating.

#### Curing

Allow to cure for a minimum of 5 hours @ 20°C prior to light foot traffic access and 10 hours @ 20° prior to vehicular trafficking. 7 days cure @ 20°C is recommended prior to exposure to chemicals.

#### Storage and Shelf Life

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions.

Resbuild LMP has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturer’s instructions.

#### Coverage

A 5kg pack is sufficient to coat 6.25 – 12.50 m<sup>2</sup> of surface.

#### Limitations

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures of 3°C or less.

**Health and Safety**

Wear gloves and goggles  
Wash off splashes immediately with soap and water  
Please refer to Material Safety Data Sheet for additional information

Resbuild LMP shall be applied strictly in accordance with the manufacturer's instructions

For specific advice regarding any aspect of this product, please consult our Technical Department.

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Resin Building Products Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).