

### Description

Resbuild Jointseal is a light grey, two pack, pourable, flexibilised epoxy sealant. The consistency of the mixed sealant allows direct pouring of the sealant into horizontal joints,

Resbuild Jointseal is hard and tough enough to protect arris edges from heavy wheel loading, but possesses sufficient flexibility to accommodate a degree of movement (10% of the joint width). Resbuild Jointseal is particularly suitable for filling saw cut joints in long strip floor construction.

### Typical Uses

To seal floor joints in food factories and warehouses where heavy vehicular trafficking occurs.

### Advantages

- Excellent adhesion to concrete
- Tough and resilient
- Suitable for wide joints
- Highly resistant to water
- Easy to apply
- Fast Curing
- Hygienic and easily cleanable

### Typical Properties

Colours: Light Grey

Pot Life: 1 ½ hours @ 20°C

Specific Gravity: 1.32

Shore A hardness: 75

Chemical Resistance: Very good resistance to dilute mineral acids, alkalis, petrol, oils, milk, citric acid, hydraulic fluid, and hot water.

Please refer to our technical department for specific advice.

### Joint Design

When using Resbuild Jointseal, the joints shall be designed to ensure that concrete movement due to shrinkage and temperature fluctuations does not exceed 10% of the joint width.

For joints up to 12mm wide, the depth of sealant should be equal to the width.

For joints over 12mm wide the depth of sealant should not exceed 20mm.

Joints over 25mm wide are permissible with Resbuild Jointseal.

### Packaging

Resbuild Jointseal is supplied in 1L, 2L and 5L packs

### Procedure

#### **Surface Preparation**

New concrete floors shall be a minimum of 21 days old. Joint surfaces shall be sound, clean and free from laitance, dust and other contaminants.

Joint arrises are best prepared by grinding or power wire-brushing; ensuring that all spoil and residual dust is removed by blowing with dry, oil free, compressed air. De-bonding tape should be used in the base of the joints otherwise a polyethylene foam backing strip should be inserted to the appropriate depth.

#### **Mixing**

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

#### **Application**

The mixed material may be poured directly into the prepared joints to level.

Alternatively, Resbuild Jointseal may be poured into empty cartridge tubes and gunned into the joints using a sealant gun. It may be necessary to top up to level after a few minutes when the sealant has settled into irregularities.

#### **Equipment Cleaning**

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

#### **Curing**

Resbuild Jointseal will have cured sufficiently following 24 hours cure @ 20°C to allow trafficking.

Full chemical resistance will be achieved following 7 days cure @ 20°C.

At lower temperatures cure times will be increased

#### **Storage and Shelf Life**

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

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

#### **Coverage**

1 litre pack of Resbuild Jointseal is sufficient for 10 linear metres with a 10mm x 10mm joint.

#### **Limitations**

Do not apply to wet or uncured concrete surfaces.

Do not apply at temperatures of 3°C or less.

**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

Resbuild Jointseal 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.

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).