

Description

Resbuild MMA Jointseal is a light grey, two pack, pourable, flexibilised Methacrylate sealant. The consistency of the mixed sealant allows direct pouring of the sealant into horizontal joints. Resbuild MMA 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 MMA 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, even at very low temperatures
- Hygienic and easily cleanable

Typical Properties

Colour: Light Grey (other colours available on request)

Pot life @ 20°C: 20 Minutes

Specific Gravity: 1.25

Shore A hardness: 70

Temperature range during application: -30°C* to +40°C

Temperature range during service: -40°C to +50°C

Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils, and fruit juices.

*For specific advice please consult our Technical Department.

Joint Design

When using Resbuild MMA 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 the sealant should not exceed 20mm. Joints over 25mm wide are permissible with Resbuild MMA Jointseal.

Packaging

Resbuild MMA Jointseal is supplied in 1 & 2 litre 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. For best results, prime the joint edges using Resbuild MMA Primer and allow to cure for a minimum of 45 minutes. 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

Resbuild MMA Jointseal is supplied as a two pack material consisting of the RESIN component, and the CATALYST component.

Pour the entire contents of the CATALYST container into that of the BASE component, and thoroughly mix until a uniform consistency has been 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 MMA Toolclean immediately after use.

Curing

Resbuild MMA Jointseal will have cured sufficiently after 1 hours cure @ 20°C to allow full trafficking. Full chemical resistance will be achieved following 24 hours cure @20°C. At lower temperatures cure times will be increased.

Pre-accelerated grades of the material can be provided for sub-zero application.

Storage and Shelf Life

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 20°C.

Adequate ventilation of the storage area should be provided.

Keep container tightly closed when not in use. Resbuild MMA Jointseal has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

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

Limitations

Do not apply to wet or uncured concrete.
Resbuild MMA Jointseal will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.

Health and Safety

Resbuild MMA Jointseal is flammable during application, so that adequate safety precautions should be observed.

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 MMA 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).