

## **Description**

LRS RapidRoof Crack and Joint Filler is a fast curing, high strength, trowel applied, three component resin mortar, designed for rapid and permanent repairs.

## **Advantages**

- Resilient
- Very good chemical resistance
- Excellent adhesion
- Fast curing, even at low temperatures
- Impact and abrasion resistant
- Frost resistant and impervious to water
- Excellent mechanical properties

## **Typical Properties**

Colour: Light grey (other colours can be supplied upon request)

Density: 2,010kg/m<sup>3</sup>

Pot life @ 20°C: 20 Minutes

Compressive strength: 45MPa

Taber abrasion resistance: 45mg weight loss (CS17 wheels; 1kg loads; 1,000 cycles)

Adhesion to concrete: 3.7MPa (concrete failure)

Temperature range during application: +5°C to + 40°C

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

Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, and diesel. For specific advice please consult our Technical Department.

## **Packaging**

LRS RapidRoof Crack and Joint Filler is supplied in 10kg packs

## **Procedure**

### **Surface Preparation**

Remove all laitance, grease, oil, dust, and other contaminants to provide a sound clean substrate.

### **Priming**

The prepared surface shall be primed by the application of LRS RapidRoof Primer. The mixed LRS RapidRoof Primer should be applied by brush or roller at a nominal rate of 1kg per 3-4m<sup>2</sup>, depending upon surface profile. Allow the primer to cure for a minimum of 60 minutes.

### **Mixing**

LRS RapidRoof Crack and Joint Filler is supplied as a three component product consisting of the BASE component, the CATALYST component and the AGGREGATE component.

The contents of the BASE and CATALYST component should be thoroughly mixed together and the AGGREGATE then introduced.

A low speed drill stirrer will be suitable.

### **Application**

LRS RapidRoof Crack and Joint Filler should be applied by trowelling to ensure good compaction and a tight finish. The material should not be feather edged.

### **Curing**

Allow a minimum cure time of 1 hour @ 20°C prior to foot trafficking and 2 hours @ 20°C prior to full trafficking.

## **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

LRS RapidRoof Crack and Joint Filler has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

## **Coverage**

A 10kg pack yields 1m<sup>2</sup> @ 5mm thickness.

## **Limitations**

Do not apply to wet, uncured or unprimed surfaces.

LRS RapidRoof Crack and Joint Filler will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.

## **Health and Safety**

LRS RapidRoof Crack and Joint Filler 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

LRS RapidRoof Crack and Joint Filler 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 Liquid Rubber Sales 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).