

## **Description**

LRS RapidRoof Ponding Filler is a fast curing, high strength, two component resin mortar, designed for rapid and permanent repairs.

## **Advantages**

- High Strength
- 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

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

Pot life @ 20°C: 15-20 Minutes

Compressive strength: 75MPa

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 Ponding Filler is supplied in 17kg packs

## **Procedure**

### **Surface Preparation**

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

### **Priming**

The prepared concrete 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 Ponding Filler is supplied as a two component product consisting of the BASE component, and the FILLER/CATALYST component.

The contents of the BASE and FILLER/CATALYST component should be thoroughly mixed together for 1-2 minutes, until a uniform consistency is achieved. Mix using a low speed drill stirrer.

### **Application**

LRS RapidRoof Ponding Filler shall be poured onto the primed floor and trowel finished. 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.

The cured product requires priming with LRS RapidRoof Primer prior to the application of any other LRS system.

## **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 containers tightly closed when not in use

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

## **Coverage**

A 17kg pack yields 0.85m<sup>2</sup> @ 10mm thickness.

Maximum Thickness is 30mm

## **Limitations**

Do not apply to wet, uncured or unprimed surfaces.

LRS RapidRoof Ponding 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 Ponding 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 Ponding 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.

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