



# Rapid Screed

## Characteristics:

- RLA Rapid Screed is a fast setting high build modified cementitious screed for use with RLA/Atlas waterproofing membranes and tile adhesives.
- The specially selected cements and polymers contained in RLA Rapid Screed produces a fast setting underlayment with exceptional adhesion to most prepared flooring materials. It can be used for internal/ external applications but not for permanent immersion (e.g. swimming pools). It is ideal for use in shower bases to create correct falls, also suitable for use on balconies as long as the correct falls are adhered to and covered with a waterproofing membrane.
- It is suitable for concrete floors and fibre cement sheets.  
Sub Floor Preparation:
  - Sub floor must be free of oil, grease, wax, curing compounds, dust, old adhesive and any other contaminations, which may inhibit bond.
  - Note- Concrete floors must be dry in accordance with A.S.3958.1.2007 and have a wood float finish
  - Where temperatures less than 10°C or greater than 35°C are encountered, contact our technical staff for specific advice.

## Priming

- Priming with Universal Primer is essential to ensure good adhesion and reduce air release from substrate, which causes bubbling of the underlayment. On standard concrete dilute Universal 1 part Primer 4 Parts clean water.
- Very absorbent concrete may require a second coat of Universal Primer diluted using 1 part Primer 4 Parts clean water.
- Non- Porous Floors such as ceramic tiles, painted or epoxy surfaces and sealed or burnished concrete floors should be primed using Universal Primer neat.

## Mixing:

- RLA Rapid Screed should be mixed using a drill and suitable paddle.
- Use 1 bag (20 kg) RLA Rapid Screed with 2-2.5 ltr of clean water.
- Slowly add the bag of powder to the water while mixing thoroughly, and then add remainder of bag.  
Note - Do not over water as this will promote bleed and separation with a reduction in bond and tensile strength.

## Application:

- Apply Rapid screed to the primed substrate using a screed bar or trowel to give the required thickness, minimum thickness is 15 mm; maximum thickness applied in any one application can be up to 200mm.
- RLA Rapid Screed has a work time of approximately 30 minutes at 25°C

## Application temperatures.

Do not apply RLA Rapid screed below 5°C and above 40°C

## Clean up:

Clean all equipment with water immediately after use.



## Coverage:

- Will depend on thickness, as a guide please refer to below table.
- | Thickness | Approximate coverage per 20kg bag |
|-----------|-----------------------------------|
| 15mm      | 1-1.5m <sup>2</sup>               |
| 25mm      | 0.75m <sup>2</sup>                |
| 50mm      | 0.35m <sup>2</sup>                |
| 100mm     | 0.175m <sup>2</sup>               |
| 200mm     | 0.09m <sup>2</sup>                |

## Storage:

- RLA Rapid Screed is a cement based product, which must be stored in a dry area off the ground and out of direct sun light.

## Packaging/Shelf Life:

- RLA Rapid Screed - 20 Kg bags
- RLA Rapid Screed has a shelf life of 12 months.
- Universal Primer - 1 ltr 5 ltr 20ltr containers.

## Safety Directions:

- Hazardous according to the criteria of NOHSC, contains cement silica.
- Wear gloves and mask when handling.
- Wash hands thoroughly after use.
- Material safety data sheets are available upon request.

**Manual Handling:**

- Manual handling of this bag without due care and attention may result in personal injury.

**Working time**

30 minutes @ 20°C

**Drying / SetTime**

2 hours @ 20°C

4 hours @ 20°C for waterproofing membrane

**Final Set time**

8 hours @ 20° C

**Thickness**

15 mm to maximum of 200mm.

Disclaimer: The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or tests, is given without guarantee or warrant. Refer to Material Safety Data Sheets for information on Storage & Handling, Health and Safety and Transport.

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