

# Technical Data Sheet

## ROCKCOTE RS15 SELF-LEVELLING UNDERLAYMENT

<b>Effective From</b>	01 Jul, 2016
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ROCKCOTE RS15 Self Levelling Underlayment helps level flooring surfaces prior to ceramic tiles, natural stone, resilient flooring, carpet, wood and other floor coverings. ROCKCOTE RS15 Self levelling Underlayment can be applied up to 25mm thick in one pour and seeks its own level in a matter of minutes. ROCKCOTE RS15 Self Levelling Underlayment, when used and installed correctly is ideal for residential and some industrial and commercial applications. ROCKCOTE RS15 Self Levelling Underlayment helps eliminate installation issues such as bonding, leveling, crumbling and staining.

### Features

- Quick setting.
- Sandable.
- Finds own level quickly.
- Water clean up.

### Benefits

- Application from feather edge to 25mm thick in a single pour.
- Reduces bond failure and crumbling of resilient flooring.
- Cures fast and develops high early strength for quick installation.
- Suitable for internal and external applications.

### Uses

#### SUBSTRATES INCLUDE

- Stone
- Concrete
- Concrete Terrazo
- Existing Ceramic Tiles
- Timber \*
- Well Bonded Vinyl

#### FLOOR TYPES INCLUDE

- Stone
- Terrazo
- Carpet
- Ceramic Tiles
- Wood, Parquet
- Sheet Vinyl Flooring

### Colour

**Coverage Rate** 12m<sup>2</sup> @ 1mm bed thickness

**Application Method**

**Dry Film Build** ROCKCOTE RS15 Self Levelling Underlayment can be applied to a thickness of 25mm in a single application. If a second layer is required install immediately without primer after the first layer has set to a walkable hardness.

**Flow Time** 15 minutes

**Walkable Hardness** 2-4 hours

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### Typical Data at 25°C and 50% Relative Humidity

<b>Drying Time</b>	90 minutes
<b>Curing Time</b>	Full cure - 28 days
<b>Clean Up</b>	Clean tools and mixing vessel with water immediately after use. Store any unused material in a dry cool place and seal any open bags of ROCKCOTE RS15 Self Levelling Underlayment.
<b>Packaging Sizes</b>	20Kgs
<b>Pot Life</b>	30 - 40 minutes

### Substrate Conditions

- Surface must be structurally sound, dry, clean and free from oil or other contaminants that would prevent good bonding.
- Substrate and ambient temperature should be maintained at or above 10°C.
- Moisture content must not exceed 5.5% as per (AS 18814). If moisture content exceeds this and cannot be contained a moisture barrier must be used.
- Concrete surfaces must be fully cured and must accept water penetration. Test by sprinkling water on various areas. If water penetrates, then a good bond can be achieved; if water beads on the surface, contaminants are present and a loss of adhesion may occur. All contaminants should be removed by mechanical means prior to the prime coat being applied.
- Concrete must be free of efflorescence and not subject to hydrostatic pressure.
- Concrete slabs should have a broomed or brushed finish to enhance the bond. Smooth concrete slabs must be roughened to ensure good adhesion of the primer bond.

### Existing Tiles or Stone:

- Mechanical preparation is recommended to remove any contaminants. Surface treatment as above for concrete.

### Cutback adhesive over concrete:

- Adhesive layers must be removed as they reduce bonding of the primer to the cement surface.
- Extreme caution should be undertaken as adhesives may contain asbestos fibers.
- Do not sand or grind adhesive residue as harmful dust may result.
- Never use adhesive removers or solvents as they soften the adhesive and may cause contamination of the substrate due to penetration.
- Adhesive residue must be wet scraped to the finished surface of the concrete, leaving only the transparent staining from the glue. A test bond should be conducted before starting to determine if the desired result will be achieved.

### Timber:

- \*Contact ROCKCOTE for advice.

### Priming:

- Prime all porous surfaces with ROCKCOTE P15 Underlayment Primer prior to application of ROCKCOTE RS15. An appropriate non-porous primer must be used initially over any low or non absorbent surface such as existing tiles and stone.

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### Mixing

- Place between 4 and 4.6 ltrs of clean, cool water into the mixing vessel.
- Slowly add the entire contents of the 20kg bag to the water while mixing thoroughly.
- Mixing should be performed using a two handed drill designed for mixing mortars and a mixing paddle set at 500 rpm for 2 minutes to obtain a lump free consistency.

### Installation of Flooring

- Ceramic tile and stone can be installed 4 hours after initial pour; for impervious floor coverings, allow 14 hours. Drying and curing times will vary, due to the substrate temperature, relative humidity and the ambient temperature.
- Test moisture content before applying vinyl or wood flooring.

### Precautions and Limitations

- This product contains Portland cement and free silica. PPE should be worn when handling this product. Wear rubber gloves and eye protection. Avoid contact with the eye if affected flush the eye with clean cool water for 15 minutes and consult a medical professional. Avoid prolonged contact with any exposed skin areas. If affected wash the area thoroughly with clean, cool water. If irritation continues, seek medical advice. Refer to product SDS for further information.
- This product is manufacture for use by trained professionals and as such, the nature of the product should be fully understood prior to use.

### Transport and Storage

- Shelf life is approximately 6 months from date of manufacture, in unopened condition.
- Keep in covered and shaded area away from the effects of sun and rain.
- Stack 1 pallet high for transport.

### Disposal

- Dispose of in accordance with local council regulations

### Safety Data

Refer ROCKCOTE RS15 Self levelling Underlayment SDS.

### Disclaimer

ROCKCOTE Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, ROCKCOTE Enterprises Pty Ltd reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.