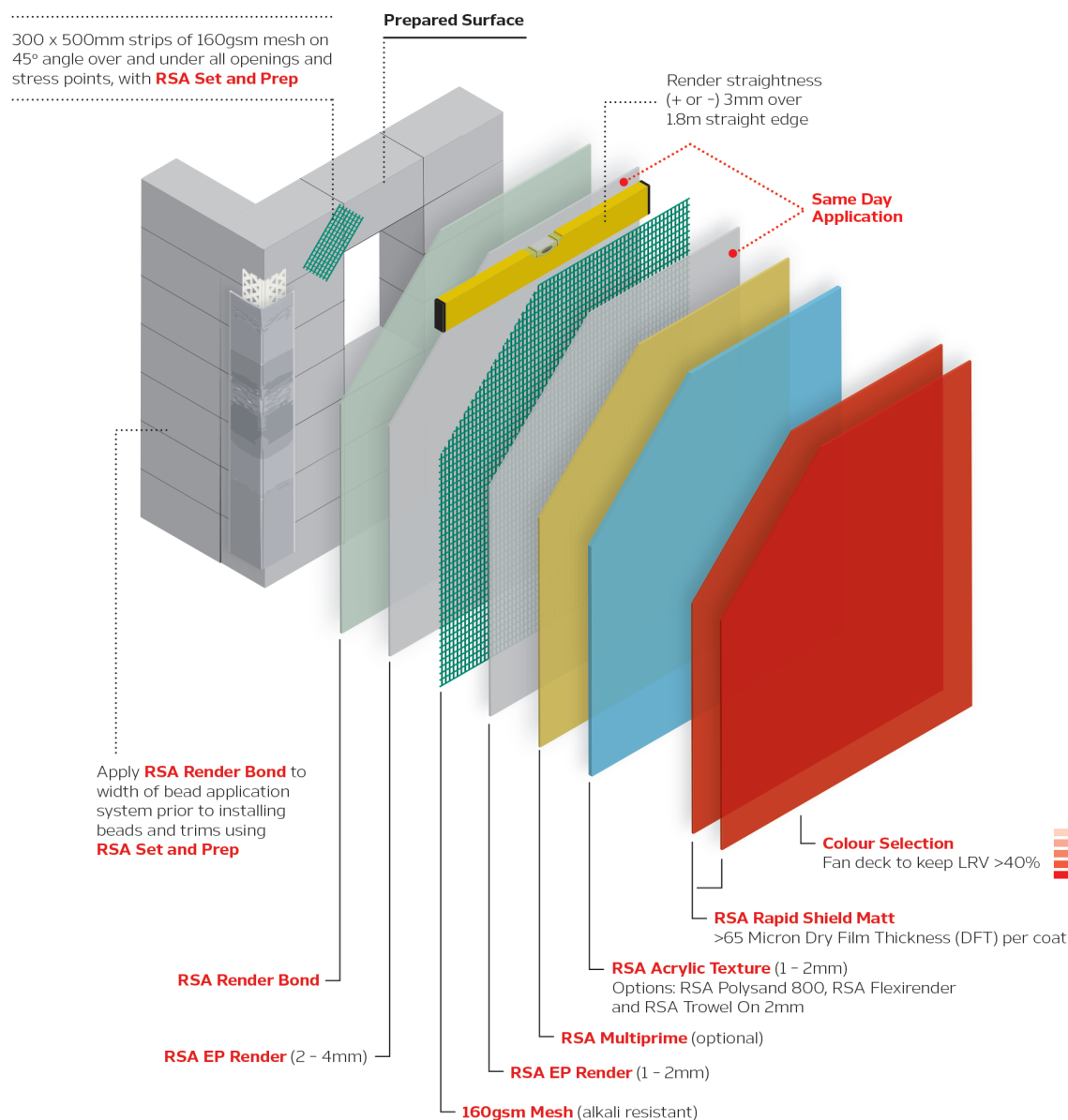


# AAC LIGHTWEIGHT BLOCK

## ACRYLIC SYSTEM SPECIFICATION

- POLYSAND 800, FLEXIRENDER OR TROWEL ON 2mm



### TECHNICAL AND AESTHETIC RATING

| FLEXIBILITY<br>(crack resistance) | AESTHETICS<br>(render straightness) | WATER TIGHTNESS | CARE AND MAINTENANCE | EFFICIENCY |
|-----------------------------------|-------------------------------------|-----------------|----------------------|------------|
| Excellent                         | Superior                            | Excellent       | Excellent            | Very Good  |

# AAC LIGHTWEIGHT BLOCK ACRYLIC SYSTEM SPECIFICATION

Always read the relevant Technical Data Sheets (TDS) and Application Guidelines prior to the use of any RSA product.

**Where RSA Rapid Shield Matt is not used, the alternative protective coating must achieve a minimum of 150 microns DFT (2 coats).**

## CONSIDER THE LRV

When choosing a protective coating for application over any AAC Lightweight Block substrate, the colour section must achieve a Light Reflectance Value (LRV) of greater than or equal to 40%.

RSA is not liable for product or substrate failure where the LRV of the tinted texture protective coating is under 40%.

## INDEMNITY

Products must be applied in accordance with RSA Specifications and Technical Data Sheets by a skilled and experienced applicator.

RSA reserve the right to alter these specifications without further notice.

## NOTE

DFT denotes Dry Film Thickness.

## IMPORTANT

All substrate expansion, control and movement joints must be continued through the render system.

Due consideration must be given to weather forecasts and inherent climatic conditions to ensure appropriate curing (free from moisture ingress threats), of the product.

## SUBSTRATE CHECK

Ensure the substrate has been installed in accordance with the manufacturers instructions and in accordance with correct building practices, paying particular attention to the positioning of control joints. The success and integrity of the coating system is dependant on the quality and installation of the substrate. RSA recommends a Wood Moisture Equivalent (WME) of less than 15% before commencing the render application process.

## PREPARATION

Ensure all surfaces to be coated are sound, clean, dry and free from dirt, dust, loose material and / or contaminants. Brush the surface with a stiff broom prior to the application of any product.

## CORNER BEADS AND TRIMS

RSA Set & Prep must be used to install high quality, RSA Approved, UV resistant PVC corner beads and trims. For detailed installation information refer to the Set & Prep Application Guidelines.

## MESH

Must be a quality 160gsm alkali resistant product. Must be a quality 160gsm alkali resistant product. Install additional 300 x 500mm strips of 160gsm mesh on 45° angle over and under all openings / stress points.

| STEP                                                                                                                             | PRODUCT                              | METHOD                                   | BUILD              | COVERAGE                           | RECOAT        |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|--------------------|------------------------------------|---------------|
| PRIMER COAT (essential)                                                                                                          |                                      |                                          |                    |                                    |               |
| Step 1                                                                                                                           | RSA Render Bond (50 / 50 with water) | Brush and Roller (uniform application)   |                    | Up to 200m <sup>2</sup>            |               |
| RENDER COAT                                                                                                                      |                                      |                                          |                    |                                    |               |
| Step 2                                                                                                                           | RSA EP Render                        | Steel Trowel                             | 2 - 4mm            | 2m <sup>2</sup> per 20kg (4mm)     | 2 hours       |
| Step 3 (while still 'green')                                                                                                     | 160gsm Mesh                          | Bed in mesh Steel Trowel                 |                    | 50m <sup>2</sup>                   |               |
| Step 4 (while still 'green')                                                                                                     | RSA EP Render                        | Steel Trowel Float Finish                | 1 - 2mm            | 2m <sup>2</sup> per 20kg bag (4mm) | 24 hours      |
| PRIMER COAT (optional)                                                                                                           |                                      |                                          |                    |                                    |               |
| Step 5                                                                                                                           | RSA Multiprime                       | Brush and Roller                         |                    | 80 - 120 m <sup>2</sup> / 15L      | 24 hours      |
| TEXTURE COAT CHOICE OF FINISHES                                                                                                  |                                      |                                          |                    |                                    |               |
| Step 6                                                                                                                           | RSA Polysand 800                     | Steel Trowel Plastic Float               | 1mm                | 9 - 11m <sup>2</sup> / 15L         | 24 - 48 hours |
|                                                                                                                                  | RSA Flexirender                      | Steel Trowel Plastic Float Sponge Finish | 1mm                | 9 - 11m <sup>2</sup> / 15L         | 24 - 48 hours |
|                                                                                                                                  | RSA Trowel On 2mm                    | Steel Trowel Polystyrene Float           | 2mm                | 8 - 10m <sup>2</sup> / 15L         | 24 - 48 hours |
| PROTECTIVE COATING (Ensure curing time of 1 day per 1mm of render thickness is achieved prior to protective coating application) |                                      |                                          |                    |                                    |               |
| Step 7                                                                                                                           | RSA Rapid Shield Matt (1st coat)     | Brush and Roller 12 - 20mm Nap Roller    | Min 65 microns DFT | 70 - 80m <sup>2</sup> / 15L        | 5 hours       |
|                                                                                                                                  | RSA Rapid Shield Matt (2nd coat)     | Brush and Roller 12 - 20mm Nap Roller    | Min 65 microns DFT | 80 - 90m <sup>2</sup> / 15L        |               |

## WARRANTY

Render Systems Australia (RSA) offers a 7 Year Product Warranty provided:

1. All substrates are installed in accordance with manufacturers specifications, Australian Standards and Good Trade Practices.
2. All products and processes as detailed above are applied by an RSA preferred contractor and in accordance with RSA Technical Data Sheets, Specifications, Application Guidelines and Good Trade Practices.
3. Guidelines Only - always refer to RSA Technical Data Sheets and Application Guidelines.

RSA strongly recommend viewing a physical product sample prior to selection of finish and colour.