

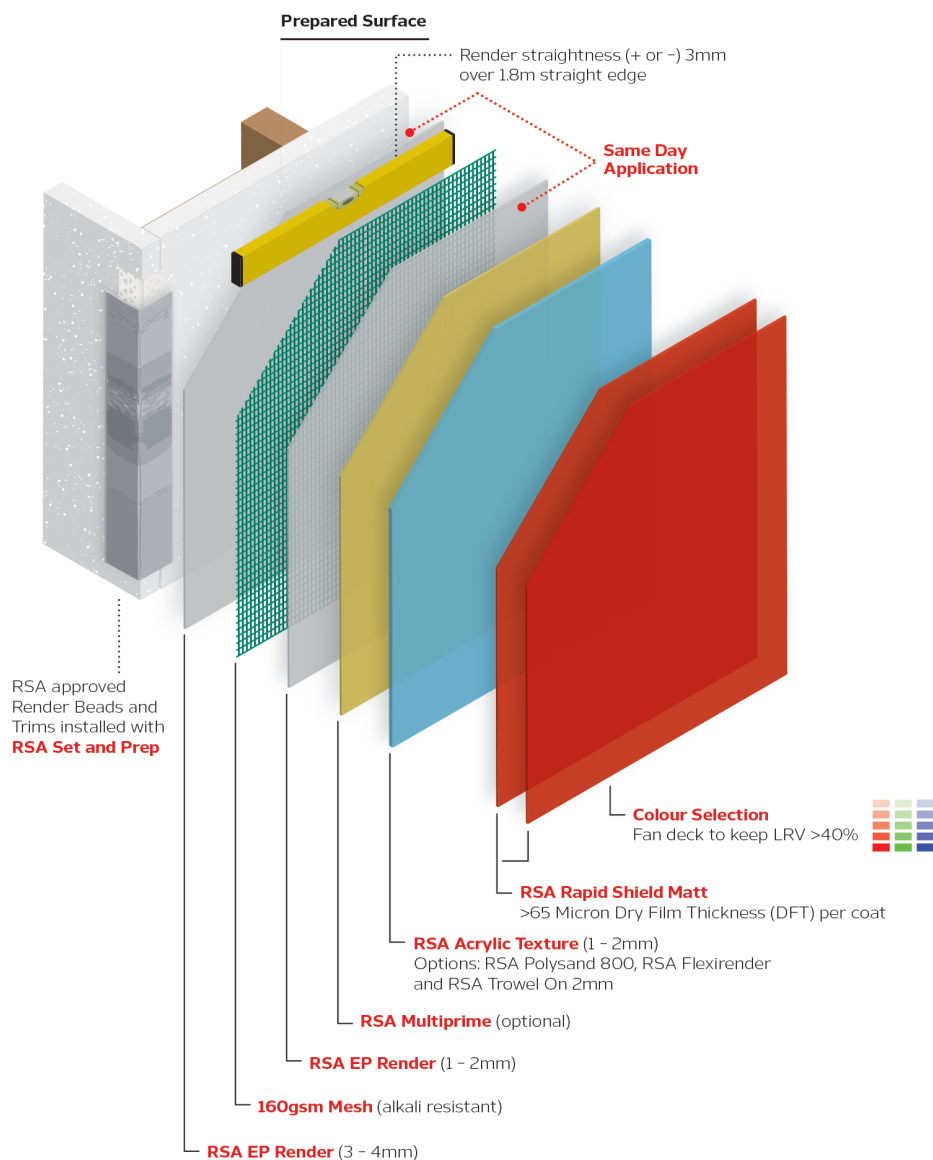


Superior Exteriors

# EXPANDED POLYSTYRENE SYSTEM (EPS)

## ACRYLIC SYSTEM SPECIFICATION

- POLYSAND 800, FLEXIRENDER AND TROWEL ON 2mm



### TECHNICAL AND AESTHETIC RATING

FLEXIBILITY (crack resistance)	AESTHETICS (render straightness)	WATER TIGHTNESS	CARE AND MAINTENANCE	EFFICIENCY
Excellent	Superior	Excellent	Excellent	Good

# EXPANDED POLYSTYRENE SYSTEM (EPS) 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 EPS 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 or 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.

For any surfaces that may collect moisture, consideration to a waterproofing system or flashing system should be incorporated.

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. Only M Grade EPS is suitable for the application of RSA systems. 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. 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
RENDER COATS					
Step 1	RSA EP Render	Steel Trowel Float Finish	3 - 4mm	2m <sup>2</sup> per 20kg bag (4mm)	
Step 2 (while still 'green')	160gsm Mesh	Bed in mesh Steel Trowel		50m <sup>2</sup>	
Step 3 (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 4	RSA Multiprime	Brush and Roller		80 - 120m <sup>2</sup>	2 hours
TEXTURE COAT CHOICE OF FINISHES					
Step 5	RSA Flexirender (2 coats)	Steel Trowel Plastic Float	1 - 3mm	9 - 11m <sup>2</sup> / 15L	24 hours (per 1mm)
	RSA Polysand 800 (2 coats)	Steel Trowel Plastic Float	1 - 2mm	9 - 11m <sup>2</sup> / 15L	24 hours (per 1mm)
	RSA Trowel On 2mm (1 coat)	Steel Trowel Polystyrene Float	2mm	8 - 10m <sup>2</sup> / 15L	24 hours (per 1mm)
PROTECTIVE COATING					
Step 6	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.