

RS-EPS Decorative Mouldings



RS EPS Decorative Mouldings: A premium, lightweight architectural solution for cornices, window frames, and columns. Engineered for both interior and exterior use, our EPS mouldings combine low cost and simple installation with superior durability and weather resistance.

Custom products available upon request.

Product properties in accordance with ASTM C578

Property	Performance	Test standard
Thermal conductivity	≤0.038 W/m.K	ASTM C518
Maximum use temperature	75°C – 80°C	Internal / ISO 2795
Sag resistance	Excellent / No sagging	ASTM C203
Linear shrinkage	≤1.0%	ASTM D2126 / EN 1603
Reaction to Fire	B1/ B2/ ClassB	13501-1 / UL 94 ASTM E84
Compressive Strength	≥80KPa	ASTM D1621
Water Vapor Permeability	1.5-5.0ng/(Pa·s·m)	ASTM E96 / EN 12086
Water Repellency	≥98 %	ASTM C272
Water Absorption	≤1.0% (by volume)	ISO 2896 / EN 12087
Density ⁶⁾	18 kg/m ³	ASTM D1622

All values are nominal values for standard industrial production. Standard industrial production tolerances applicable.

Compliance

- **Standard Fulfillment:** RS-EPS Decorative Mouldings are manufactured in strict accordance with international quality management systems and industry standards, including ASTM C1512 and EN 13163, ensuring superior structural integrity for architectural applications.
- **Weather Resistance & Durability:** Engineered with a high-density core and reinforced surface treatment, our mouldings exhibit exceptional resistance to UV radiation, freeze-thaw cycles, and moisture, maintaining their precise shape and aesthetic appeal in diverse climates.

Disclaimer

RS Insulation is responsible for product quality only. As we have no control over project design, installation quality, or accessory materials, RS does not guarantee the final performance of the installed system. Liability is limited to our standard Terms and Conditions of Sale. We reserve the right to modify technical specifications and product designs at any time.

