

THERMANICHE *specifications*

CODE	INTERNAL DIMENSIONS	EXTERNAL DIMENSIONS
RSN01 (90mm)	325mm x 325mm	355mm x 355mm
RSN05 (70mm)	325mm x 325mm	355mm x 355mm
RSN02 (90mm)	340mm x 400mm	365mm x 425mm
RSN06 (70mm)	340mm x 400mm	365mm x 425mm
RSN03 (90mm)	330mm x 580mm	355mm x 605mm
RSN07 (70mm)	330mm x 580mm	355mm x 605mm
RSN04 (90mm deep)	235mm x 880mm	260mm x 905mm
RSN08 (70mm deep)	235mm x 880mm	260mm x 905mm
RSN10 (90mm)	330mm x 975mm	355mm x 1000mm
RSN11 (90mm)	525mm x 975mm	550mm x 1000mm

PROPERTY	ASSESSED TO	RATING
Xps Density	DIN 53420	36 ± 0.02 kg/m ³
Thermal Conductivity	EN 12167	0.033 W/m.K
Compressive Strength (10% deflection)	EN 826	300 k/Pa (30 tonnes/m ²)
Flexural Strength	ASTM C203	0.30 ± 0.02 MPa
Water Absorption (2-day immersion)	ISO 2896	0.2% by volume
Water Absorption (Capillary)	DIN 53428	Zero
Water Vapour Diffusion Resistivity (μ)	DIN 52615	110 - 225 (μ)
Water vapour Permeability	ASTM E-96	0.028 ng/Pa.m.s
Maximum Tile Loading Weight	CERAM 121107	60kg/m ²
Flammability	EN 13501	Class E
Impact Sound Reduction	BS-ISO140-	dLw=21
EU Controlled Substances Content	N/A	None