



# THERMANICHE

## REGULAR NICHES

CODE	INTERNAL DIMENSIONS	EXTERNAL DIMENSIONS
RSN01 (90mm deep)	330mm x 330mm	355mm x 355mm
RSN05 (70mm deep)	330mm x 330mm	355mm x 355mm
RSN02 (90mm deep)	400mm x 340mm	425mm x 365mm
RSN06 (70mm deep)	400mm x 340mm	425mm x 365mm
RSN03 (90mm deep)	580mm x 330mm	605mm x 355mm
RSN07 (70mm deep)	580mm x 330mm	605mm x 355mm
RSN04 (90mm deep)	880mm x 235mm	905mm x 260mm
RSN08 (70mm deep)	880mm x 235mm	905mm x 260mm
RSN09 (90mm deep)	600mm x 400mm	625mm x 425mm
RSN10 (90mm deep)	975mm x 330mm	1000mm x 355mm
RSN12 (90mm deep)	1475mm x 320mm	1500mm x 345mm

## SPECIALITY NICHES (CURVED)

RSNC20 (90mm deep)	325mm x 425mm	350mm x 450mm
RSNC21 (90mm deep)	325mm x 575mm	350mm x 600mm

PROPERTY	ASSESSED TO	RATING
Xps Density	DIN 53420	36 ± 0.02 kg/m <sup>3</sup>
Thermal Conductivity	EN 12167	0.033 W/m.K
Compressive Strength (10% deflection)	EN 826	300 k/Pa (30 tonnes/m <sup>2</sup> )
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 <sup>2</sup>
Flammability	EN 13501	Class Bfl
Impact Sound Reduction	BS-ISO140-	dLw=21
EU Controlled Substances Content	N/A	None