

Double Skin Insulated Roof System with Rockwool Insulation - 0.25 'U' Value

Roofing

Q SYSTEM RR 25

Offering similar benefits over PUR foam cored composite panels as our RG 25 system but with greater sound reduction performance and rain drumming/noise damping characteristics, making this ideal for education and retail facilities.

SYSTEM BENEFITS

• Thermal Transmittance (Building Regulations Approved Document L2 compliant)	<0.25W/m ² K
• Calculated Average Sound Reduction (weighed S.R.I Rw)	>47dB
• External Fire Exposure Classification (BS476 Part 3)	AA (Highest)
• Internal Fire Spread Classification (Building Regulations Approved Document B2, BS476 Parts 6 and 7)	0 (Highest)
• Insulation Non-Combustibility Test (BS476 Part 4, Building Regulations Approved Document B4)	Non - combustible
• Air Permeability (Building Regulations Approved Document L2 compliant)	<10m ³ /hr/m ² @ 50 Pa
• External Sheet Non-fragility Rating Document ACR(M)001:2005 (Third Edition)	Class B (≤2.1m centres)
• Internal Sheet Non-fragility Rating Document ACR(M)001:2005 (Third Edition)	Class B (≤2.1m centres)
• Design Flexibility/Bespoke systems	Available
• Curved barrel vault/eaves/ridge options	Yes
• Ecological effect	Zero ODP
• Sustainability/Recyclability	Yes
• NBS Specifications	Available
• Profile CAD blocks	Available
• Material Warranty	Up to 30yrs
• Recommended ancillary suppliers	Yes
• Recommended Installers	Yes

SPECIFICATION

External Sheet	0.70mm thick colour coated galvanised steel Quedron profiled sheet.
Insulation	180mm thick Rockwool Cladding Roll insulation quilt (λ = 0.040W/mK)
Spacer System	180mm deep Quedron Spacer System. Brackets at 1m centres.
Vapour Control Layer	Lining Panel - Sealed side and end laps
Internal Sheet	0.70mm thick colour coated galvanised steel Quedron lining panel.
Typical Purlin Centres	1100 - 1800mm
Minimum Design Roof Pitch	>5 degrees - trapezoidal sections >2.5 degrees - secret fix option.

Note:

Refer to page 26 for profile options and page 34 for profile specific system references and performance data.

Qsystems

ROCKWOOL
FIRESAFE INSULATION

SOUND REDUCTION

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QUEDRON ROOFING & CLADDING PRODUCTS