

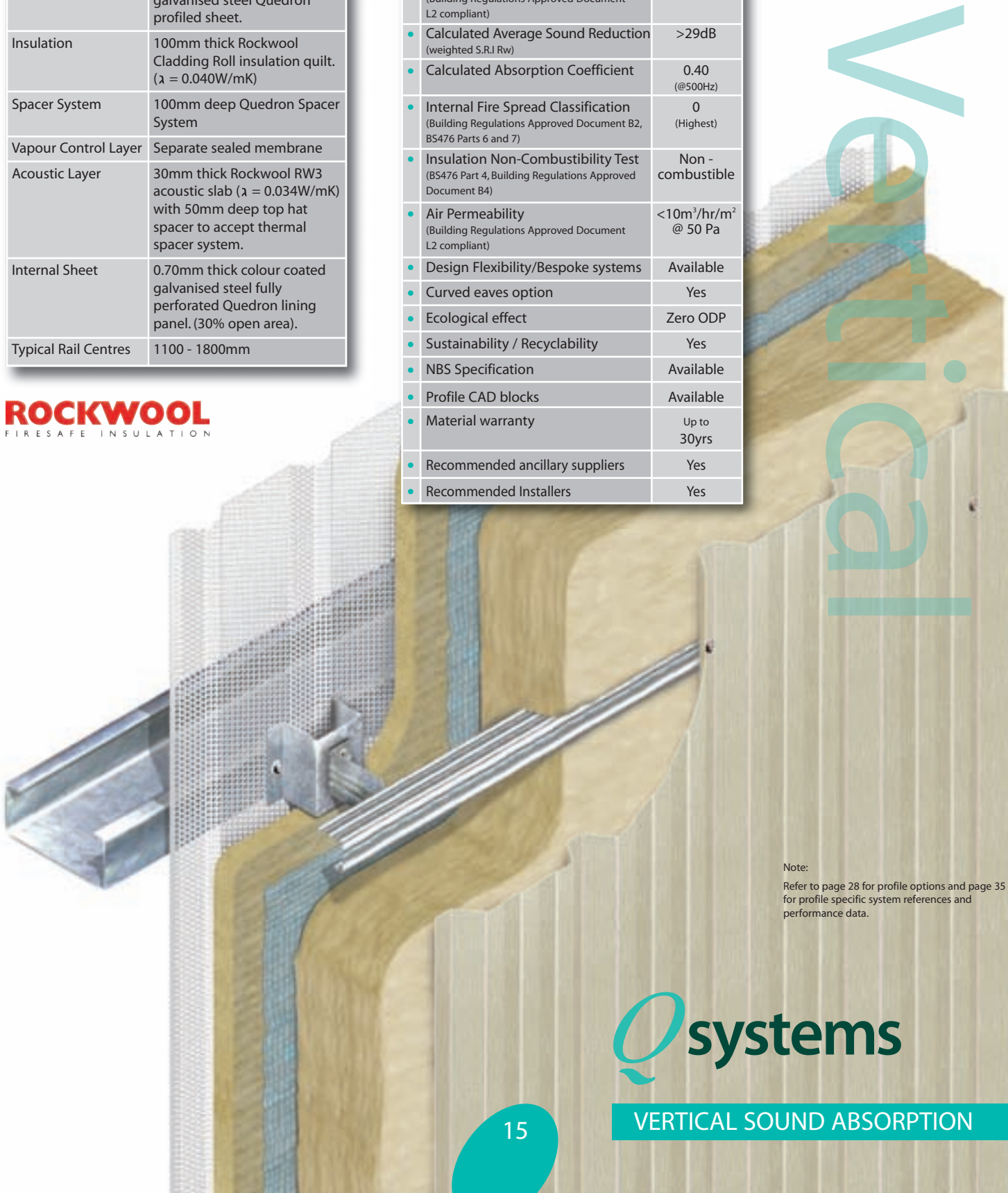
# Acoustic Vertical Cladding System with Perforated Lining – 0.35 'U' Value

**Q SYSTEM** VA 35

By incorporating a perforated lining panel with loose mineral fibre insulation, this system offers the specifier all the thermal and design flexibility benefits of our other vertical systems but with greater sound absorbency performance, reducing the amount of reverberant sound reflected back off the internal lining surface.

SPECIFICATION	
External Sheet	0.70mm thick colour coated galvanised steel Quedron profiled sheet.
Insulation	100mm thick Rockwool Cladding Roll insulation quilt. ( $\lambda = 0.040W/mK$ )
Spacer System	100mm deep Quedron Spacer System
Vapour Control Layer	Separate sealed membrane
Acoustic Layer	30mm thick Rockwool RW3 acoustic slab ( $\lambda = 0.034W/mK$ ) with 50mm deep top hat spacer to accept thermal spacer system.
Internal Sheet	0.70mm thick colour coated galvanised steel fully perforated Quedron lining panel. (30% open area).
Typical Rail Centres	1100 - 1800mm

SYSTEM BENEFITS	
• Thermal Transmittance (Building Regulations Approved Document L2 compliant)	<0.35W/m <sup>2</sup> K
• Calculated Average Sound Reduction (weighted S.R.I Rw)	>29dB
• Calculated Absorption Coefficient	0.40 (@500Hz)
• 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 <sup>3</sup> /hr/m <sup>2</sup> @ 50 Pa
• Design Flexibility/Bespoke systems	Available
• Curved eaves option	Yes
• Ecological effect	Zero ODP
• Sustainability / Recyclability	Yes
• NBS Specification	Available
• Profile CAD blocks	Available
• Material warranty	Up to 30yrs
• Recommended ancillary suppliers	Yes
• Recommended Installers	Yes



Note:  
Refer to page 28 for profile options and page 35 for profile specific system references and performance data.

