

TYPICAL U-VALUES

FOR PARTIALLY FILLED MASONRY CAVITIES – NEW– USING ROCKSILK® RAINSCREEN SLAB
(BRICK OUTER LEAF / CAVITY / 100MM INNER LEAF AS DETAILED BELOW)

Rocksilk® RainScreen Slab (mm)	U-value (W/m²K)							
	102.5mm Brick K=0.770		100mm Dense Block K=1.210		100mm Medium Dense Block K=0.510		102.5mm Aircrete Block K=0.150	
	100mm SFS	150mm SFS	100mm SFS	150mm SFS	100mm SFS	150mm SFS	100mm SFS	150mm SFS
250	0.10	0.10	0.10	0.10	0.10	0.09	0.10	0.09
210	0.12	0.11	0.12	0.11	0.12	0.11	0.11	0.10
200	0.12	0.11	0.12	0.11	0.12	0.11	0.12	0.11
180	0.13	0.12	0.13	0.12	0.13	0.12	0.12	0.11
150	0.15	0.13	0.15	0.13	0.15	0.13	0.14	0.12
120	0.17	0.15	0.17	0.15	0.17	0.15	0.16	0.14
100	0.19	0.16	0.19	0.16	0.19	0.16	0.17	0.15
75	0.21	0.19	0.21	0.19	0.21	0.19	0.19	0.17
50	0.26	0.23	0.26	0.23	0.25	0.22	0.21	0.20

Note: 1.2mm Gauge SFS at 600mm centres, fully filled with OmniFi® Slab 35 (0.035W/mK). 12mm cementitious sheathing board and 2x15mm wallboard internal finish. Rocksilk® Rainscreen Slab (0.034W/mK) installed with 50mm residual cavity using ACS 25/15 Framifix restraint system secured with stainless steel fixings.

The above values are for guidance only, please contact our Technical Support Team direct for specific values.

We provide FREE 3D U-value calculations for Rainscreen Façade Systems.

Contact our Technical Support Team for details on 01744 766 666 or technical.uk@knaufinsulation.com

DID YOU KNOW THAT ROCKSILK® RAINSCREEN SLAB AND OMNIFIT® SLAB 35 ARE SPECIFIED IN THE KNAUF THROUGHWALL SYSTEM?

The Knauf ThroughWall system is designed to meet required building performance while allowing a flexibility of external finishes to be applied, such as rainscreen cladding and brickwork.

For full information on the system performance, installation method and standard details visit knauf.co.uk/systems-and-products/systems/exterior-systems/throughwall-system

AVAILABLE INSULATION CPD COURSE

NON-COMBUSTIBLE INSULATION SOLUTIONS FOR RAINSCREEN FAÇADE SYSTEMS

The CPD includes the following topics:

- Fire regulations related to Rainscreen Façade Systems
- Considerations for buildings over 18m in height
- Your options as a designer to achieve compliance and minimise risk

Visit knaufinsulation.co.uk/technical-support/cpd to book your CPD today!