

Warmth



Quietness



Protection



Conservation

**Come inside...**

Rocksilk Universal Slab Product Datasheet



Building  
Residential



Building,  
Non -  
Residential



Industrial  
Process

**Rocksilk**  
what a difference a 'k' makes

**KNAUF**INSULATION

Building  
ResidentialBuilding,  
Non -  
ResidentialIndustrial  
Process

# Rocksilk Universal Slab Product Datasheet

Multi-purpose rock mineral wool slabs for use in a variety of applications from domestic housing to building services and industrial process.

## Description

Rocksilk Universal Slabs are unfaced rock mineral wool, multi-purpose slabs for use in a variety of applications including domestic housing, building services and industrial applications. Standard product is supplied unfaced, but it can also be manufactured with a factory applied foil or tissue facing and is available in water repellent grade.

## Standards

Rocksilk Universal Slabs are non-combustible inorganic rock wool, defined as mineral wool in BS 3533: 1981 and is manufactured to a Quality Assurance system which complies with BS EN ISO 9001:2000.

## Fire Performance

Rocksilk Universal Slabs are classified as non-combustible to BS 476: Part 4: 1970 (1984) and to Euroclass A1, Class 1 surface spread of flame to BS 476: Part 7 1997 and Class 'O' to the Building Regulations.

## Permanence

Rocksilk Universal Slabs are odourless, non-hygroscopic, rot proof, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

## Moisture Resistance

Rocksilk Universal Slabs are non-wicking when tested to BS 2972: 1989: Section 12. When exposed to 90% relative humidity and 20°C, Rocksilk Universal Slabs absorb less than 0.004% of moisture.

## Vapour Resistance

7.00MN.s/g.m

## Operating Temperatures

Rocksilk Universal Slabs can be used up to continuous operating temperatures of 850°C.

## Application

Rocksilk Universal Slabs are used for the thermal and acoustic insulation of buildings, building services and industrial applications.

## Installation

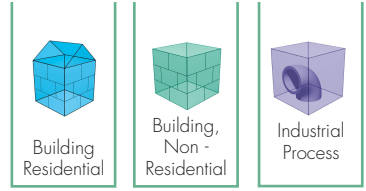
For more information please refer to the appropriate Knauf Insulation Binder Section.

## Handling and Storage

Rocksilk Universal Slabs are supplied in packs in Supakube pallets.

## Product Data – Rocksilk Universal Slab

	Thickness (mm)	Slab Size (mm)	Slabs per Pack	Area per pack (m <sup>2</sup> )	Thermal Conductivity (W/mK)	Thermal Resistance (m <sup>2</sup> K/W)
<b>RS33</b>	100	1200 x 600	5	3.60	0.037	2.70
	75	1200 x 600	7	5.04	0.037	2.00
	60	1200 x 600	8	5.76	0.037	1.60
	50	1200 x 600	10	7.20	0.037	1.35
	40	1200 x 600	12	8.64	0.037	1.05
	30	1200 x 600	18	12.96	0.037	0.80



	Thickness (mm)	Slab Size (mm)	Slabs per Pack	Area per pack (m <sup>2</sup> )	Thermal Conductivity (W/mK)	Thermal Resistance (m <sup>2</sup> K/W)
<b>RS45</b>	100	1200 x 600	5	3.60	0.035	2.85
	75	1200 x 600	7	5.04	0.035	2.10
	60	1200 x 600	8	5.76	0.035	1.70
	50	1200 x 600	10	7.20	0.035	1.40
	40	1200 x 600	12	8.64	0.035	1.10
	30	1200 x 600	18	12.96	0.035	0.85
	25	1200 x 600	20	14.40	0.035	0.70
<b>RS60</b>	100	1200 x 600	4	2.88	0.035	2.85
	75	1200 x 600	6	4.32	0.035	2.10
	60	1200 x 600	7	5.04	0.035	1.70
	50	1200 x 600	9	6.48	0.035	1.40
	40	1200 x 600	11	7.92	0.035	1.10
	30	1200 x 600	14	10.08	0.035	0.85
	25	1200 x 600	18	12.96	0.035	0.70
<b>RS80</b>	100	1200 x 600	3	2.16	0.035	2.85
	75	1200 x 600	4	2.88	0.035	2.10
	60	1200 x 600	5	3.60	0.035	1.70
	50	1200 x 600	6	4.32	0.035	1.40
	40	1200 x 600	7	5.04	0.035	1.10
	30	1200 x 600	10	7.20	0.035	0.85
	25	1200 x 600	12	8.64	0.035	0.70
<b>RS100</b>	100	1200 x 600	2	1.44	0.035	2.85
	75	1200 x 600	3	2.16	0.035	2.10
	60	1200 x 600	4	2.88	0.035	1.70
	50	1200 x 600	5	3.60	0.035	1.40
	40	1200 x 600	6	4.32	0.035	1.10
	30	1200 x 600	8	5.76	0.035	0.85
	25	1200 x 600	10	7.20	0.035	0.70
<b>RS128</b>	50	1200 x 600	4	2.88	0.035	1.40
<b>RS140</b>	100	1200 x 600	2	1.44	0.035	2.85
	75	1200 x 600	2	1.44	0.035	2.10
	50	1200 x 600	3	2.16	0.035	1.40
	40	1200 x 600	4	2.88	0.035	1.10
	30	1200 x 600	6	4.32	0.035	0.85
<b>RS200</b>	50	1200 x 600	2	1.44	0.036	1.35

Ref:RD32005