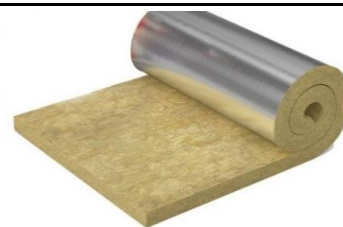


## ROCKWOOL BLANKET / ROLL

Rockal rockwool fibers are formed by spinning or drawing molten non-combustible and inorganic volcanic basalt rocks. These fibers are processed with a thermoset and non-combustible resin binder to shape rolls or blankets confirming to EN 13162 & ASTM C 553 & ASTM C 665. It is preformed porous and flexible or semi-rigid rockwool roll with very good performance on thermal, acoustic and fire insulation.



### Product information:

Product Name:	ROCKAL ROCKWOOL BLANKETS			Length (mm):	9000	Facing 1:	AFG
Density (Kg/m <sup>3</sup> ):	50	Thickness (mm):	30	Width (mm):	1000	Facing 2:	-

### Technical properties of fibers:

1	Classification	Class A1 + T2			EN 13162
		Type VII			ASTM C 553-13
		Type III / Class A			ASTM C 665
2	Non-combustibility	Non-combustible			EN ISO 1182
3	Gross heat of combustion (Cal/g) (Calorific value)	≤ 0.5			EN ISO 1716
4	Surface burning Characteristics:				ASTM E 84
	● Flame spread index	≤ 25			
	● Smoke developed index	≤ 50			
5	Thermal conductivity & Thermal resistance	Temp. (°C)	λ (W/m.k)	R (k.m2/W)	ASTM C 518
		-4	0.035	0.86	
		10	<b>0.036</b>	0.84	
		24	0.036	0.84	
		38	0.039	0.77	
		93	0.049	0.62	
		149	0.055	0.54	
		204	0.062	0.48	
		260	0.070	0.43	
		316	0.076	0.40	
		371	0.097	0.31	
6	Use temperature	from -30 to 750°C			ASTM C 411 / C 447
7	Melting temperature	> 1000°C			
8	Corrosiveness to steel	Pass			ASTM C 665
9	Stress corrosion austenitic stainless steel	Pass			ASTM C 795
10	pH - value	7			ASTM C 871
11	Non-fibrous (Short) content	< 25 %			ASTM C 1335
12	Water vapor sorption	≤ 2 %			ASTM C1104/ C1104M
13	Fungi growth	No			ASTM C 1338
14	Odor emission	No			ASTM C 1304
15	Rigidity	Flexible and semi-rigid			ASTM C 1101/C 1101M
16	Linear shrinkage	≤ 1%			ASTM C 356
17	Noise reduction coefficient (NRC)	≥ 0.86			ASTM C 423
18	Environment Safety	CFC, HCFC and Asbestos free			