

# ProRox® SL 920

ProRox SL 920 is a flexible stone wool slab. ProRox SL 920 is suitable for the thermal insulation of horizontal and vertical walls. A one-sided facing with fibreglass reinforced aluminium foil (ALU) or glass tissue is available upon request.



## Product properties

Properties	Performance							Norms
Thermal conductivity	$T_m$ (°C)	50	100	150	200	250	300	EN 12667
	$\lambda$ (W/mK)	0,042	0,054	0,069	0,086	0,106	0,131	ASTM C177
Maximum Service Temperature	300°C (572°F)							EN 14706
	450°C (842°F)							ASTM C411
In case of aluminium facing the outer foil temperature should be limited to 80 °C (176°F)								
Reaction to fire	Euroclass A1							EN 13501-1
	Surface burning characteristics; Flame spread=passed, Smoke development=Passed							ASTM E84 (UL 723)
Nominal density	40 kg/m <sup>3</sup> (2,5 lb/ft <sup>3</sup> )							EN 1602
Corrosion resistance	Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871 Trace quantity of water leachable chloride ions: $\leq 10$ ppm							ASTM C795 EN 13468
Water Absorption	$< 1$ kg/m <sup>2</sup>							EN 1609
	Water vapour absorption (Vapor sorption) $\pm 0,02\%$ vol							ASTM C1104/C1104M
Water vapour diffusion resistance	$\mu = 1$							EN 14303
	$S_d > 200$ m (for Alu-foil faced product)							
Designation code	MW EN 14303-T4(T3 if $t < 60$ )-ST(+)-300-WS1 CL10							EN 14303
	MW EN 14303-T4(T3 if $t < 60$ )-ST(+)-300-WS1-MV2-CL10 (for Alu-foil faced product)							

## Compliance

ProRox SL 920 Slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA.

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