

ProRox® SL 970^{ES}



Application

ProRox SL 970 is particularly suitable as thermal and acoustic insulation for structures exposed to high temperatures and light mechanical loads. Typical examples include ovens, furnaces, and flue gas ducts.

Product properties



	Performance													Norms
	T (°C)	50	100	150	200	250	300	350	400	500	600	680		
Thermal conductivity	λ (W/mK)	0,041	0,046	0,052	0,060	0,069	0,081	0,093	0,107	0,140	0,178	0,219	EN 12667	
Maximum Service Temperature		680°C											EN 14706	
Reaction to fire		Euroclass A1											EN 13501-1	
Nominal density		115 kg/m ³											EN 1602	
Water absorption		< 1 kg/m ²											EN 1609	
Water vapour diffusion resistance		$\mu = 1$											EN 14303	
Airflow resistivity		> 70 kPa.s/m ²											EN 29053	
Designation code		MW EN 14303-T4-ST(+)-680-WS1											EN 14303	

Compliance

ProRox SL 970^{ES} slabs fully comply with the requirements as set by internationally recognized standards like EN 14303.

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