

SAGLAN T-SA 50 (Vn/Vnl/Vs/Vsl/G)



SAGLAN T-SA 50 is an rigid insulation slab made of glass wool for industrial applications, without/with facing Vn/Vnl/Vs/Vsl/G.

Application field

- Technical insulation e.g. ventilation ducts, pipes with large diameters or large, round containers, sound insulation / Acoustics
- Note: When used in ventilation ducts, the fixing method must be determined separately by a competent specifier or contractor.

Technical characteristics

Description	Data	Unit	Standard						
Apparent density ρ	approx. 50	kg/m ³	EN 1602						
Reaction to fire without/with facing Vn/Vnl/Vs/Vsl/G.	A1	–	EN 13501-1						
Application temperature	≤ 250	°C	EN 14706						
Test load	500	Pa	EN 14706						
Water vapor diffusion	1	μ	EN 12086						
Thickness tolerance class	T4	mm	EN 823						
Water absorption	WS 1	Kg/m ²	EN 1609						
Impedance (length-related)	> 5 (AF5)	kPa·s/m ²	EN 29053						
Thermal conductivity $\lambda_{N,P}$	T	[°C]	0	50	100	150	200	250	EN 12667
	$\lambda_{N,P}$	[W/mK]	0.031	0.039	0.048	0.060	0.073	0.089	

Delivery types

Thickness (mm)	Width (mm)	Length (mm)	m ² /package	m ² /pallet
20	600	1250	On request	
25	600	1250		
30	600	1250		
40	600	1250		
50	600	1250		
60	600	1250		
80	600	1250		
100	600	1250		
120	600	1250		

Further thicknesses and properties on request | For facings: see datasheet SAGLAN facings

Sound absorption coefficient

Method	[Hz]	125	250	500	1000	2000	4000	Standard
Sound absorption coefficient α_s in relation with frequency [Hz]	25mm	0.03	0.27	0.68	0.95	1.02	1.00	EN 20354
	50mm	0.14	0.74	1.10	1.05	1.02	1.03	
	100mm	0.81	0.96	1.05	1.02	1.03	1.04	



The technical information is based on our present state of knowledge and our experiences. We will not assume any liability for applications in special cases under extraordinary conditions.