

# SAGLAN (031) SA 55

**SAGLAN (031) SA 55** is a stiff insulation slab made of glass wool for acoustics in building construction and industrial applications.

## Application field

- Acoustic insulation for suspended ceilings
- Acoustic insulation direct mounting under construction

## Technical characteristics

Description	Data	Unit	Standard
Thermal conductivity $\lambda_D$	0.031	W/mK	EN 12667
Apparent density $\rho$	approx. 52	kg/m <sup>3</sup>	EN 1602
Reaction to fire	A1	–	EN 13501-1
Reaction to fire groupe	RF1	–	VKF guidelines
Application temperature	≤ 250	°C	–
Water absorption WS	≤ 1	kg/m <sup>2</sup>	EN 1609
Water vapour permeability	1	μ	EN 12086
Thickness tolerance class T3	-3 / +10	% or mm	EN 823
Dimensional stability DS (70,-)	≤ 1	%	EN 1604
Impedance (length-related) AFr	> 5	kPa·s/m <sup>2</sup>	EN 29053

## Delivery types

Thickness (mm)	R <sub>D</sub> (m <sup>2</sup> K/W)	Width (mm)	Length (mm)	m <sup>2</sup> /package	m <sup>2</sup> /pallet
20	0.60	600	1250	18.00	On request
25	0.80	600	1250	15.00	
30	0.95	600	1250	12.00	
40	1.25	600	1250	9.00	
50	1.60	600	1250	7.50	
60	1.90	600	1250	6.00	
80	2.55	600	1250	3.75	
100	3.20	600	1250	3.00	
120	3.85	600	1250	2.25	

Further thicknesses and dimensions on request  
 Facings: See datasheet SAGLAN facings



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.