Declaration of performance

simply better insulation
SAGER

Nr.: sat-0009-r1-hnka-a1-210831

Technical insulation roll out of glass wool, with/without facing Vn/Vnl/Vs/Vsl/G, continuously water-repellent

1	Unique identification code of the product-type	SAGLAN T-R 300, SAGLAN T-R 400
2	Type, batch or serial number or any other element	See product label
3	Intended use or uses of the construction product	Thermal insulation materials for technical building equipment and industrial installations in industry (ThIBEII)
4	Manufacturer	Sager AG, Dornhügelstrasse 10, CH-5724 Dürrenäsch
5	Authorised representative	Not applicable
6	System or systems as set out in CPR, Annex V.	System 3; System 1
7	The notified body, which issued a certificate of consistency of performance	FIW München, (identification number 0751)

8	Essential characteristics							Performance		Harmonised standard
	Reaction to fire		Reaction to fire					Euroclass	A1	EN 14303:2009+A1: 2013 NPD= No performance determined
	Acoustic absorption index		Sound absorption					NPD		
	Thermal resistance*	Thermal conductivity W/mK	ϑ °C	10	50	100	150	200	250	
			λ_D	0.038	0.048	0.064	0.083	0.107	0.139	
		Thicknesses	d_N=25mm-120mm				Thickness classes		T2	
	Water permeability		Water absorption					WS	≤1.0kg/m2	
	Water vapour permeability		Water vapour transmission μ					1		
	Compressive strength		Compressive strength					NPD		
	Emission of corrosive substance		A small amount of in water soluble chlorides ions					NPD		
	Release of dangerous substances to the indoor environment		Release of dangerous substances					NPD		
	Continuous glowing combustion		Continuous glowing combustion					NPD	(a)	
	Durability of thermal resistance against heat, weathering, ageing/degradation							NPD	(c)	
	Durability of reaction to fire against heat, weathering, ageing/degradation							NPD	(b)	
	Durability at high temperatures by influence of fire							NPD	(d)	
	Durability of thermal resistance against high temperatures							Upper limit of use temperature ST(+/100)250(=250°C)		

* Dimensions and associated thermal resistance, see product data sheets under www.sager.ch

a) A European test method is under development and the standard will be amended when this is available.

b) Durability: The fire performance and thermal conductivity of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

c) The thermal conductivity of mineral wool does not deteriorate with time. Experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

d) At high temperatures there is no deterioration of the Fire reaction for products from Mineral wool. The classification of the product into a particular euro class refers to the content of organic components, which remain the same at high temperatures or decrease.

* Possible one-sided or two-sided coatings:

Vn: Natural glass fibre fleece
Vnl: Natural glass fibre fleece long. reinforced
Vsl: Black glass fibre fleece, long. Reinforced
G: Black glass fabric, fungicide-treated
Vs: Black glass fibre fleece

9	The performances of the products identified in points 1 and 2 are in conformity with the declared performances in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

10	Signed in the name of the manufacturer from Beat Bruderer, Managing director Place and date: Dürrenäsch, 31. August 2021 Signature: