

# Declaration of performance



Nr.: sat-0010-r4-halka-a1-220630

Technical insulation roll out of glass wool, alu faced and continuously water-repellent

1	Unique identification code of the product-type	SAGLAN T-R 400 A Ductwrap light
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	ISTITUTO GIORDANO S.P.A. Via Rossini, 2, 47814 - Bellaria (RN), (identification number 0407)

8	Essential characteristics					Performance		Harmonised standard	
	Reaction to fire	Reaction to fire	Thickness 25-35 mm			Euroclass	A2-s1,d0		EN 14303:2009+A1:2013  NPD= No performance determined
		Thickness 40-120 mm			Euroclass	A1			
Acoustic absorption index	Sound absorption					NPD			
Thermal resistance*	Thermal conductivity W/mK	θ °C	10	50	100	150	200	250	
		λD	0.034	0.043	0.056	0.073	0.093	0.117	
	Thicknesses	dN=25mm-120mm			Thickness classes		T2		
Water permeability	Water absorption					WS	≤1.0kg/m2		
Water vapour permeability	Water vapour diffusion resistance Sd					MV2	200		
Compressive strength	Compressive strength					NPD			
Rate of release of corrosive substances	Trace quantities of watersoluble ions and the pH-value					NPD			
Release of dangerous substances to the indoor environment	Release of dangerous substances					NPD	(e)		
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(+/250)250(=250°C)			

\* Dimensions and associated thermal resistance, see product data sheets under [www.sager.ch](http://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.
- e) See Safe Use Instruction Sheet

\* A: Pure aluminium, gridded

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.
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10	Signed in the name of the manufacturer from Beat Bruderer, Managing director Place and date: Dürrenäsch, 30. June 2022	Signature:
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