

Unique identification code of the producttype:	α -therm SARKING
Intended use(s) of the producttype:	Thermal insulation for buildings
Manufacturer:	Idelco Insulation NV, Hooiemeersstraat 1, 8710 Wielsbeke, België
System(s) of AVCP:	AVCP 3
Harmonised standard:	EN 13165:2012 + A2:2016
Notified body(ies):	NB 1136, NB 1173, NB 1939

Essential characteristics		
Thermal conductivity λ_D [W/m.K]	0,022	EN 13165:2012
Thermal resistance R_D [m²K/W]	4,50 for d_N 100 mm	EN 13165:2012
	7,25 for d_N 160 mm	
Thickness	T2	EN 823
Reaction to fire	F	EN 13501-1
Reaction to fire (end-use)	NPD	
Dimensional stability under specified temperature and humidity conditions	DS(70,90)3	EN 1604
	DS(-20,-)1	
Deformation under specified compressive load and temperature conditions	NPD	EN 1605
Compressive creep	NPD	EN 1606
Tensile strength perpendicular to faces	TR80	EN 1607
Compressive strength	CS(10\Y)150	EN 826
Waterabsorption - long term by total immersion	WL(T)2	EN 12087
- short term by partial immersion	NPD	EN 1609
Flatness after one-sided wetting	NPD	EN 825
Water vapour permeability	NPD	EN 12086
Acoustic absorption index	NPD	EN ISO 354
Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	NPD	
Durability of reaction to fire against heat, weathering, ageing / degradation	Reaction to fire does not change with time	

The performance of the product identified above is in conformity with the set of declared performance(s). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Filip Vandenweghe
 CEO Idelco Insulation
 Wielsbeke, 19/02/2025