

Declaration of Performance



RESISTA_AK_RF_2019.02_7

EN

1	Unique identification code of the product-type	Firestone RESISTA AK - RF
2	Intended uses of the construction product:	Thermal insulation for buildings (ThIB)
3	Manufacturer:	Firestone Building Products EMEA Ikaroslaan 75 1930 Zaventem (Belgium) Tel. +32 2 711 44 50 Fax. +32 2 721 27 18 e-mail : info@fbpe.be
4	System of Assessment and Verification of Constancy of Performance of the construction	AVCP 3
5	Harmonised standard: Notified laboratory/ies:	EN 13165:2012+A2:2016 FIW Munchen (No. 0751)

Essential characteristics		Performance
Reaction to fire (RtF)	Generic use	E
Reaction to fire - end use	Thermal insulation for deck type metal roofing	NPD
Water permeability	Water absorption short term	NPD
	Water absorption long term	WL(T)2
	Flatness after one-sided wetting	NPD
Release of dangerous substances to the indoor environment	No harmonized test method available	
Acoustic absorption index	Direct airborne sound insulation index	NPD
Continuous glowing combustion	No harmonized test method available	
Thermal resistance	Thermal resistance RD (m ² •K/W)	dN: 30 mm 1.30 - dN: 160mm 6.95
	Thermal conductivity λD (W/m•K) (a)	0.023
	Thickness	T2
Water vapour permeability	Water vapour permeability	NPD
Compressive Strength	All thicknesses	CS(10/Y)150
Tensile strength / flexion	Tensile strength perpendicular to faces	TR 80
Durability of reaction to fire against heat, weathering, ageing / degradation	Reaction to fire does not change with time	
Dimensional stability under specified temperature and humidity conditions		DS(70,90)3 DS(-20,-)1
Deformation under specified compressive load and temperature conditions		NPD
Durability of compressive strength against ageing/degradation	Compressive creep	NPD

(a) Annex C.5 EN 13165:2012+A2:2016

NPD : No Performance Determined

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 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by, at 5 /2/2020 ,

Pascal Meirsschaert
Technical Director
Firestone Building Products