



1	Product type	closed-cell physically crosslinked polyolefine foam in rolls with nopped structures
2	Product type reference	<b>insulit 55+</b>
3	Intended use (AVCP)	Thermal insulation products for buildings - Concrete floor acoustical underlay
4	Manufacturer	insulco/sydtch - rue buisson aux loups 1a - 1400 Nivelles
5	Authorised representative	-
6	System of assessment	System 3 - test report KTU Kaunas institute
7	Harmonised standard ref.	EN 16069 : 2012 +A1 : 2015
8	European Technical Assessment (ETA)	N/A
9	Declared performance	

EN 16069 chapter	Characteristics	Performance	Abbrev.	Unit	Declared performance	Harmonized technical specification			
	Product name				<b>Insulit 55+</b>				
4.2.6	Reaction-to-fire, Euroclass	Reaction-to-fire	r-t-f <sup>a)</sup>	-	<b>Euroclass F</b>	EN 13501 / EN 16069			
	Impact noise transmission index	$\Delta L_w$ - * double layer		dB	<b>22   24*</b>	EN ISO 10140-3 - test report CSTC DE 631XB663-7679-7705			
4.3.9		Dynamic stiffness - * double layer	SD	MN/m <sup>3</sup>	<b>s' 61 - 39*</b>	EN 29052-1 - test report sydtch - dyps			
	Thermal resistance								
4.2.1		Thermal conductivity at +10°C	$\lambda_D$	W/mK	<b>0,038</b>	EN 12667 : test report KTU 145-025 SF/18			
4.2.3		Thickness	dL	mm	<b>5,5</b>	EN 823 / EN 16069; test report KTU 145-B SFL/16			
		Thickness class	Ti	-	<b>T9</b>				
4.2.3		Length roll	l	mm	50000 (50 m)	EN 823 - class L2			
		Width	b	mm	1100 (1,10m)	EN 823 - class W2			
	Compressive strength								
4.3.3		Compressive stress	CS	kPa	no performance determined				
4.3.5		Point load	F <sub>p</sub>	N	no performance determined				
4.3.6		Compressive creep	CC	kPa	no performance determined				
	Water permeability								
4.3.7.1		Short term water absorption by immersion	WS	-	no performance determined				
4.3.7.2		Long term water absorption by immersion	WL	-	no performance determined				
4.3.8	Water vapour permeability	Water vapour transmission	MU	-	no performance determined				
4.3.6	Durability of compressive strength against ageing/degradation	Compressive creep	CC	kPa	no performance determined				
VOC	Volatile Organic Compound emissions	Category	Class	Unit	Declared performance	Harmonized technical specification			
		TVOC emission performance	A <sub>3</sub>	µg/m <sup>3</sup>	≤200	CEN/TS 16516 method (ISO 16000-3) Test report VITO 2018/MRG/R/1636			
		Formaldehyde emissions	F <sub>1</sub>	mg/m <sup>3</sup>	≤0.06				
		Carcinogenic VOC emissions	C1	µg/m <sup>3</sup>	<1				
		Individual compounds			Class 1 (≤1, every individual ratio ≤1.0)				
		in compliance with the following current requirements :	French regulations	Belgian decree	M1 label	It. regulations	Blue Angel	Emicode	AgBB
			S1	A*	√	M1	√	√	√

Note:  
a) English abbreviation  
b) No change in Reaction to fire properties for PEF products.  
c) Thermal conductivity of PEF products does not change with time.

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

Signed for and on behalf of the manufacturer by:  Y.de Baenst - 19/12/2019