



1	Product type	closed-cell crosslinked polyolefine foam + aluminized film + acoustical felt - product in roll							
2	Product type reference	insulit Bi+9							
3	Intended use (AVCP)	Thermal insulation products for buildings - Concrete floor acoustical underlay							
4	Manufacturer	insulco/sydttech - 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					Insulit Bi+9			
4.2.6	Reaction-to-fire, Euroclass	Reaction-to-fire	r-tf ^{a)}	-	Euroclass F			EN 13501 / EN 16069	
	Impact noise transmission index	ΔL_w		dB	30			EN ISO 10140-3 - test report CSTC DE631XA651B	
4.3.9		Dynamic stiffness	SD	MN/m ³	s' 5			EN 29052-1 - test report CSTC DE631XA747	
	Thermal resistance								
4.2.1		Thermal conductivity	λ_D	W/mK	0,036			EN 12667 : test report KTU 145-A SFL/16R	
4.2.1		Thermal resistance	R_D	m ² /K/W	0,30			EN 12667 test report KTU 145-A SFL/16R	
4.2.3		Thickness	dL	mm	11,2			EN 823 / EN 16069; test report KTU 145-A SFL/16	
4.2.3		Thickness class	Ti	-	T9				
4.2.3		Length roll	l	mm	30000 (30m)			EN 823 - class L2	
		Width	b	mm	1500 (1,50m)			EN 823 - class W2	
	Compressive strength								
4.3.3		Compressive stress	CS	kPa	no performance determined				
4.3.5		Point load	F _p	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				
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.								
VOC	Volatile Organic Compound emissions	Category	Class	Unit	Declared performance			Harmonized technical specification	
		TVOC emission performance	A ₃	µg/m ³	≤200			CEN/TS 16516 method (ISO 16000-3) Test report VITO 2018/MRG/R/1636	
		Formaldehyde emissions	F ₁	mg/m ³	≤0.06				
		Carcinogenic VOC emissions	C1	µg/m ³	<1				
		Individual compounds in compliance with the following current requirements :			Class 1 (≤1, every individual ratio ≤1.0)				
			French regulations	Belgian decree	M1 label	It. regulations	Blue Angel	Emicode	AgBB
			S1	A*	√	√	√	√	
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 - 05/06/2018		