



1	Product type	closed-cell physically crosslinked polyolefine foam + felt - product in roll							
2	Product type reference	insulit Bi+20							
3	Intended use (AVCP)	Thermal insulation products for buildings - Concrete floor acoustical underlay							
4	Manufacturer	insulco/sydtech - rue buisson aux loups 1a - 1400 nivelles							
5	Authorised representative	-							
6	System of assessment	System 3 - test report CSTC							
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+20				
4.2.6	Reaction-to-fire, Euroclass	Reaction-to-fire	RtF ^{a)}	-	Euroclass E			EN 13501-1 (2019) - test report CENTEXBEL 19.05595.03	
	Impact noise transmission index	Δ L _w		dB	29			EN ISO 10140-3 - test report Eco-Scan A-2015-zo-1633-G473/42226-F	
4.3.9		Dynamic stiffness	SD	MN/m ³	s' 6			EN 29052-1 - test report sydtech lab	
	Thermal resistance								
4.2.1		Thermal conductivity	λ _D	W/mK	0,036			EN 12667 : test report CSTC DE632XC370	
4.2.1		Thermal resistance	R _D	m ² K/W	0,60			EN 12667 test report CSTC DE 632 XC370	
4.2.3		Thickness	d _L	mm	23			EN 823 / EN 16069; test report sydtech lab.	
4.2.3		Thickness class	T _i	-	T9				
4.2.3		Length roll	l	mm	20000 (20m)			EN 823 - class L2	
		Width	b	mm	1000 (1m)			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			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*	√	√	√	√	
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	