



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/sytech - 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	r-t-f ^{a)}	-	Euroclass F	EN 13501 / EN 16069
	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' 15	EN 29052-1 - test report sytech lab
	Thermal resistance					
4.2.1		Thermal conductivity at +10°C	λ _D	W/mK	0,034	EN 12667 : test report CSTC DE632XC370
4.2.1		Thermal resistance at +10°C	R _D	m ² K/W	0,65	EN 12667 test report CSTC DE 632 XC370
4.2.3		Thickness	dL	mm	23	EN 823 / EN 16069; test report sytech lab.
		Thickness class	Ti	-	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 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 ⁺	√	M1	√	√	√

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