

1	Product type	closed-cell physically crosslinked polyolefine foam + felt - product in roll					
2	Product type reference	<b>insulit Bi+20</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 CSTC					
7	Harmonised standard ref.	EN 16069 : 2012 +A1 : 2015					
8	European Technical Assessment (ETA)	N/A					
9	Declared performance						
	<b>EN 16069 chapter</b>	<b>Characteristics</b>	<b>Performance</b>	<b>Abbrev.</b>	<b>Unit</b>	<b>Declared performance</b>	<b>Harmonized technical specification</b>
		Product name				<b>Insulit Bi+20</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	$\Delta L_w$		dB	<b>29</b>	EN ISO 10140-3 - test report Eco-Scan A-2015-zo-1633-G473/42226-F
4.3.9			Dynamic stiffness	SD	MN/m <sup>3</sup>	<b>s' 15(MN/m<sup>3</sup>)</b>	EN 29052-1 - test report sydtch lab
		Thermal resistance					
4.2.1			Thermal conductivity	$\lambda_D$	W/mK	<b>0,034</b>	EN 12667 : test report CSTC DE632XC370
4.2.1			Thermal resistance	$R_D$	m <sup>2</sup> K/W	<b>0,65</b>	EN 12667 test report CSTC DE 632 XC370
4.2.3			Thickness	dL	mm	<b>23</b>	EN 823 / EN 16069; test report sydtch lab.
4.2.3			Thickness class	Ti	-	<b>T9</b>	
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 <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	
	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 - 31/01/2017