

Elastospray LWP 1672/10/I : IsoPMDI 92140

A:B = 100:100 Vol.

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DOP-No.: ES19-0017-04-CPR-18

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EN 14315-1:2013 + NB-CPR/SG19-22/213r1 (22/12/2022)

In-situ formed sprayed rigid polyurethane (PU) foam system

ThIB – Thermal Insulation for Buildings

Reaction to fire – **E (valid for all thicknesses)**

Thermal conductivity: **see performance chart**

Water permeability (expressed as short term water absorption by partial immersion): **max. 0,20 kg/m²**

Water vapour transmission (expressed as water vapour resistance factor μ): **NPD**

Compressive strength: **min. 150 kPa**

Continuous glowing combustion: **no harmonized test method available**

Durability of reaction to fire against ageing/degradation: **reaction to fire does not decrease with time**

Durability of thermal resistance against ageing/degradation: **see performance chart**

Durability of compressive strength against ageing/degradation: **compressive strength does not decrease with time**

PU EN 14315-1-CCC4-CT4(20)-GT7(20)-TFT9(20)-FRB33(20)-W0,2-CS(10/Y)150-DLT(2)5

Type of facing: None or diffusion open		
Thickness	Declared aged thermal conductivity (λ _D) W/m·K	Thermal resistance level (R _D) m²·K/W
40 mm	0,027	1,45
45 mm	0,027	1,65
50 mm	0,027	1,85
55 mm	0,027	2,05
60 mm	0,027	2,20
65 mm	0,027	2,40
70 mm	0,027	2,60
75 mm	0,027	2,80
80 mm	0,026	3,10
85 mm	0,026	3,30
90 mm	0,026	3,50
95 mm	0,026	3,70
100 mm	0,026	3,90
105 mm	0,026	4,10
110 mm	0,026	4,25
115 mm	0,026	4,45
120 mm	0,025	4,85
125 mm	0,025	5,05

Type of facing: None or diffusion open		
Thickness	Declared aged thermal conductivity (λ _D) W/m·K	Thermal resistance level (R _D) m²·K/W
130 mm	0,025	5,25
135 mm	0,025	5,45
140 mm	0,025	5,65
145 mm	0,025	5,85
150 mm	0,025	6,10



Certified for use in approved
system ATG 3331
BCCA reference raw material
certificate
BAG-551-6031-0001-01