DECLARATION OF PERFORMANCE
n. 34/M52019

1.	Unique identification code of the product-type:	**EXY 34 HFO** PU EN 14315-1- DS(TH)3-CCC4-CT3(21)-GT7(21)- TFT16(21)-FRC35,8(21)-Wi(0.150)- CS(10\Y)200-MU70,5-DLT(1)5
2.	Intended use:	Closed cell spray foam insulation made in-situ made for Interior, exterior, wall, ceilling floor, ect.
3.	Manufacturer plant address:	HONTER GmbH Leopold str. 2-8, HERFORD 32051 Germany
4.	System/s POSV:	system 3
5.	Harmonised standard Notified body/ies:	EN 14315-1:2013 Notified body 1020 Accredited Testing Laboratory, Authorized Body, Notified Body, Prague, s. p., 0100 – Prague, Prosecká 811/76a, 190 00 Prague

Properties	Test Method	Value
Thermal conductivity	EN 12667 EN 14315-1	See performance chart
Apparent density	ČSN EN 1602	34±5 kg/m3
Short-term absorbtion (surface with skin)	EN 1609	0,143 kg/m^2
Compression strength 10% deformation	EN 826:2013	240,95 kPa
Water vapour permeability μ	EN 12086:2013	70.50
CT(Cream time)	Attachment E, EN 14315-1	3 s
GT(Gel time)	Attachment E, EN 14315-1	7 s
TFT(Tack free time)	Attachment E, EN 14315-1	16 s
dimensional stability under specified temperature and humidity conditions (+70±2) °C, relative humidity (90±2)%, 48 hours	EN 1604	DS(TH)3
dimensional stability under specified temperature and humidity conditions (-20±3)°C, 48 days	EN 1604	DS(TH)4
Deformation 20 kPa, (80±1)°C, (48±1) hours	EN 1605	≤ 3,19%
Sound absorption	EN ISO 11654	Class E α_w = 0,15
Reaction to fire	EN 13501-1+A1 EN 15715:2010	Class E Class B - s1, d0
VOC harmless	EN ISO 16000-10	Pass

	Performance chart		
	Type of facing: diffusion open		
	Thickness mm	Declared aged thermal Conductivity (λD) W/mK	Thermal resistance level (RD) m²K/W
	30	0,028	1,05
	35	0,028	1,30
	40	0,028	1,50
	45	0,028	1,65
	50	0,028	1,85
	55	0,028	2,05
	60	0,028	2,20
	65	0,028	2,40
	70	0,028	2,55
	75	0,028	2,75
	80	0,027	3,05
	85	0,027	3,25
	90	0,027	3,45
	95	0,027	3,65
	100	0,027	3,85
	105	0,027	4,05
	110	0,027	4,20
	115	0,027	4,40
	120	0,026	4,65
	125	0,026	4,85
	130	0,026	5,05
	135	0,026	5,25
	140	0,026	5,50

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Honter GmbH,

Leopoldstr. 2-8, 32051 Herford, Deutschland

19

EN 14315-1

Thermal insulating in-situ formed sprayed rigid polyurethane foam

EXY 34 HFO

Intended use: walls, ceilings, suspended ceilings, partitions, floors, roofs.

Reaction to fire: E
Thermal conductivity: See performance charts in n. 34/M52019
Dimensional stability: Level DS(TH)4
Closed cell content: CCC4
Cream time: CT7(21)
Gel time: GT3(21)
Tack free time: TFT16(21)
Free-rise density by the core: FRC35(21)
Short term water absorption by partial immersion: <0.3 kg/m^2
Deformation under specified compressive load and temperature conditions: DLT (1)5
Substrate adhesion strength perpendicular to faces: A3
Water vapour transmission (expressed as water vapour resistance factor μ) 70
Compressive strength: CS (10/Y)200
Continuous glowing combustion NPD

PU EN14315-1-DS(TH)4-CCC4-CT7(21)-GT3(21)-TFT16(21)-FRC35(21)-DLT(1)5-CS(10/Y)200 -A3-MU70-W0,3

7. **Appropriate Technical Documentation and/or Specific Technical Documentation**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

HONTER GmbH
Jan Cerny
President/CEO
In Prague 17.2.2021