

# THE DECLARATION OF PERFORMANCE

## DOP-FP FS QR-SR-01

1. Unique identification code of the product-type: **FROTH-PAK™ Foam Systems QR & SR**
2. Applies to: **Thermal insulation of walls, ceilings, roofs, suspended ceilings and floors**
3. Manufacturer: **DuPont de Nemours (Luxembourg) S.à rl - Rue General Patton, L-2984 Luxembourg**
4. Authorized representative:-
5. System(s) of assessment and verification of constancy of performance: **System 3**
6. Harmonized standard: **EN 14315-1: 2013 Thermal insulation products for buildings - In-situ molded rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products**
7. Notified body or bodies: **CSTB (No. 679)**
8. Declared performance characteristics: **Harmonized technical specification EN 14315-1: 2013**

Essential characteristics			Usable properties			
PARAMETER	METHOD	UNIT	LEVEL/CLASS	RATED	MINIMAL	MAXIMAL
Thermal conductivity 30 mm -150 °C	EN12667	W/mK	λ	-	-	0.017
Thermal conductivity 30 mm -100 °C	EN12667	W/mK	λ	-	-	0.017
Thermal conductivity 30 mm -50 °C	EN12667	W/mK	λ	-	-	0.017
Thermal conductivity 30 mm -15 °C	EN12667	W/mK	λ	-	-	0.019
Thermal conductivity 30 mm +10 °C	EN12667	W/mK	λ	-	-	0.022
Thermal conductivity 30 mm +40 °C	EN12667	W/mK	λ	-	-	0.026
Thermal conductivity 30 mm +80 °C	EN12667	W/mK	λ	-	-	0.033
Thermal conductivity 30 mm +100 °C	EN12667	W/mK	λ	-	-	0.036
Thermal conductivity 30 mm declared	EN12667	W/mK	λD	-	-	0.030
Thermal resistance 30 mm declared	EN12667	m²K/W	RD	-	-	1.00
Fire rating	EN11925-2	-	Euroclass	E	-	-
Durability (exposure to factors accelerating aging)	EN12086	kg/m²	HIM	-	-	NPD
Short term water absorption by partial immersion	EN1609-B	kg/m²	IN	-	-	0.3
Compressive strength	EN826	kPa	CS(10/Y)	NPD	-	-
Continuous glowing combustion	-	-	-	NPD	-	-
Dimensional stability under specified temperature and humidity conditions	EN1604 70 °C 90 %RH	%Δlb %Δt	DS(70,90)2	-	-	4.5 2.6
Thermal resistance-Water vapor flow (g)- Dimension stability (along and across the grain)	EN1604 - 20°C	%Δlb %Δt	DS(-20)4	-	-	0 0.1
Durability of reaction to fire under the influence of heat, weathering, aging/ decomposition	No change in reaction to fire properties					

The performance of the product identified above is in line with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



**Paul MEYERS**  
Managing Director & Works Director  
DuPont de Nemours (Luxembourg) S.à r.l.

Luxembourg 15/11/2022