



## DECLARATION OF PERFORMANCE

No 00001011

- |  |   |
|--|---|
| 1. Unique identification code of the product-type:   | <b>FROTH-PAK™</b>   |
| 2. Type, batch or serial number:   | <b>SR, QR or QR-HD</b>  |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foressen by the manufacturer: | <b>Thermal insulation products for buildings - In-situ formed sprayed polyurethane (PUR) and polyisocyanurate (PIR) foam products EN14315-1</b> |
| 4. Name and contact address of the manufacturer  | <b>Dow Europe GmbH<br/>Bachtobelstrasse 3<br/>CH- 8810 Horgen Switzerland</b>   |
| 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:                         | <b>AVCP - System 3</b>  |
| 7. Name and identification number of notified body   | <b>FIW (N° 751); CSTB (N° 679)</b>  |
| 9. Declared Performance - Essential characteristic - (EN14315)   |   |

	mm	-40 °C	-15 °C	+10 °C	+40 °C	+80 °C	+100 °C
		W/m.K	W/m.K	W/m.K	W/m.K	W/m.K	W/m.K
FROTH-PAK™ QR/SR	30	0.017	0.019	0.022	0.026	0.033	0.036
FROTH-PAK™ QR-HD	30	0.024	0.026	0.028	0.032	0.037	0.040

	mm	$\lambda_D$	$R_D$
		W/m.K	m <sup>2</sup> .K/W
FROTH-PAK™ QR/SR	30	0.030	1.00
FROTH-PAK™ QR-HD	30	0.033	0.95

9. Declared Performance - Essential characteristic - (EN14315)

Reaction to fire		<b>Euro-Class</b>	<b>E</b>
Compressive strength		<b>CS(10\Y)</b>	<b>NPD</b>
Continuous glowing combustion		-	-
Durability of compressive strength against ageing/degradation	Compressive creep	<b>CC (2/1,5/50)</b>	<b>NPD</b>
Water vapor permeability	Water vapor diffusion resistance factor	<b>MU</b>	<b>NPD</b>
Water permeability	Short term water absorption by partial immersion	<b>W</b>	<b>0,2</b>
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	<b>see above R<sub>D</sub> and λ<sub>D</sub></b>	
	Dimensional stability under specified temperature and humidity conditions	<b>DS</b>	<b>NPD</b>
Durability of reaction to fire against heat, weathering, ageing/degradation	No change in Reaction to fire properties.		

«NPD» (No Performance Determined)

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  
**William O. Roderick** - Quality Director - Coating Materials and Building & Construction

Horgen - CH

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