



# DECLARATION OF PERFORMANCE

Regulation (EU) No 305/2011

DOP No. 5391531750508



## ECHOFOIL EXO

1. Identification code of the product-type: **ECHOFOIL EXO**
2. Type number as required pursuant to Article 11(4) of the Regulation (EU) No 305/2011: **ECHOFOIL EXO**
3. Intended use of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
**Flexible sheets for waterproofing - Underlays for walls EN 13859-2**
4. Registered trade name and contact address of the manufacturer as required pursuant to Article 11(5):  
**Partel** |17 Claregalway Corporate Park | Claregalway | Co. Galway | Ireland | H91 X510
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **Not applicable.**
6. System of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 3.**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: **SGS INTRON (NB 1939) and BTTG (0038) performed an initial type test under System 3 and issued test report.**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not applicable.**
9. Declared performance:

Essential characteristics	Performances	Minimum tolerance	Maximum tolerance	Harmonised technical specification
Resistance to fire (euroclass)	E	-	-	EN 13859-2:2014
Resistance to water penetration	W2	-	-	
Water vapour transmission Sd (m) (EN ISO 12572, Cond. C)	0.08	0.05	0.12	
Water vapour transmission Sd (m) (EN 1931)	0.016			
Tensile force, longitudinal (N/50mm)	300	200	350	
Tensile force, transverse (N/50mm)	250	150	300	
Elongation, longitudinal (%)	45	30	60	
Elongation, transverse (%)	10	5	20	
Tear resistance, longitudinal (N)	160	120	200	
Tear resistance, transverse (N)	160	120	200	
Emissivity	≤ 0.05		0.05	
Resistance to penetration of air (m <sup>3</sup> /(h*m <sup>2</sup> *50Pa)	23,42	-	-	
Artificial ageing by UV and heat: Resistance to water penetration	W2			
Tensile force, longitudinal (%)	267			
Tensile force, transverse (%)	199	-	-	
Elongation, longitudinal (%)	30			
Elongation, transverse (%)	50			
Resistance to impact	NPD			

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10. 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 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of Partel by:  
**Hugh Whiskey**  
Technical and development

A handwritten signature in blue ink, appearing to be "H Whiskey", is written over a horizontal line. The signature is stylized and somewhat abstract.