

## DECLARATION OF PERFORMANCE NR DoP-CPR-KRUMBER WIND STOP/1

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| 1. Unique identification Code of the product type:                     | <ul style="list-style-type: none"><li>• Breathable roofing membrane<br/><b>KRUMBER WIND STOP</b></li></ul>  |
| 2. Intended use or uses:   | <ul style="list-style-type: none"><li>• For use as wind insulation in the exterior walls of buildings in the timbered walls and other protected with mineral wool. The product can also be under siding and in ventilated façade systems.</li></ul> |
| 3. Producent:  | <ul style="list-style-type: none"><li>• KRUMBER GROUP Marcin Tomaszewski, ul. Kościuszki 17, 95-054 Ksawerów, Polska<br/>tel. +48 604 731 529<br/>e-mail: <a href="mailto:krumber@krumber.com">krumber@krumber.com</a></li></ul>                    |
| 4. Systems of assessment and verification of constancy of performance: | <ul style="list-style-type: none"><li>• System 3</li><li>• System 4 for reaction to fire</li></ul>  |
| 5. Harmonized standard:  | <ul style="list-style-type: none"><li>• PN-EN 13859-2:2010,</li><li>• Notified Body no. 1434 – Polskie Centrum Badań i Certyfikacji S.A.</li></ul>  |

6. Declared performance:

Essential characteristics		Functional properties	Unit	Harmonized Standard
Reaction to fire		Class F	-	PN-EN 13859-2:2010
Resistance to water penetration		Class W3	-	
Tensile strength in longitudinal direction		150 (+30; -30)	N/50mm	
Tensile strength in transverse direction		80 (+20;-20)	N/50mm	
Elongation in longitudinal direction		120 (+25;-25)	%	
Elongation in transverse direction		130 (+30;-30)	%	
Tear resistance in longitudinal direction		90 (+20;-20)	N	
Tear resistance in transverse direction		90 (+20;-20)	N	
Flexibility at low temperatures		-30	°C	
After artificial ageing	Resistance to water penetration	Class W3	-	
	Tensile strength in longitudinal direction	100 (+20;-20)	N/50mm	
	Tensile strength in transverse direction	55 (+15;-15)	N/50mm	
	Elongation in longitudinal direction	85 (+20;-20)	%	
	Elongation in transverse direction	90 (+20;-20)	%	
Dangerous substances		NPD	-	

7. The performance of the product identified above are consistent with a set of declared performance. This declaration of performance is issued in accordance with Regulation (UE) no 305/2011 the sole responsibility of the producer referred to above.

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Ksawerów, dated 20.02.2017

dr Marcin Tomaszewski, Owner