

## DECLARATION OF PERFORMANCE NR DoP-CPR-KRUMBER COMPLETE 135 (A)/1

1. Unique identification Code of the product type:
  - Breathable roofing membrane  
**KRUMBER COMPLETE 135 (A)**
2. Intended use or uses:
  - For use as vapour permeable underlayment for roofing and as wind insulation.
3. Producent:
  - KRUMBER GROUP Marcin Tomaszewski, ul. Kościuszki 17,  
95-054 Ksawerów, Polska  
tel. +48 604 731 529  
e-mail: [krumber@krumber.com](mailto:krumber@krumber.com)
4. Systems of assessment and verification of constancy of performance:
  - System 3
5. Harmonized standard:
  - EN 13859-1:2010,
  - EN 13859-2:2010
  - Notified Body no. 1023 – Institut pro Testovani a Certifikaci, a.s.,  
Trida T.Bati 299, 764 21 Zlin
  - Notified Body no. 1454 – Sieć Badawcza Łukasiewicz – Instytut  
Mechanizacji Budownictwa i Górnictwa Skalnego, ul. Racjonalizacji  
6/8 Warszawa, Laboratorium Materiałów Budowlanych „IZOLACJA”  
oddział w Katowicach, 02-673 Warszawa

6. Declared performance:

Essential characteristics		Functional properties	Unit	Harmonized Standard
Reaction to fire		Class F	-	EN 13859-1:2010 EN 13859-2:2010
Resistance to water penetration		Class W1	-	
Tensile strength in longitudinal direction		250 (±60)	N/50mm	
Tensile strength in transverse direction		140 (±50)	N/50mm	
Elongation in longitudinal direction		60 (+150/-30)	%	
Elongation in transverse direction		80 (+150/-30)	%	
Tear resistance in longitudinal direction		140 (±50)	N	
Tear resistance in transverse direction		160 (+80/-50)	N	
Flexibility at low temperatures		-40	°C	
After artificial ageing	Resistance to water penetration	Class W1	-	
	Tensile strength in longitudinal direction	170 (±60)	N/50mm	
	Tensile strength in transverse direction	95 (+60/-30)	N/50mm	
	Elongation in longitudinal direction	30 (+40/-20)	%	
	Elongation in transverse direction	50 (±30)	%	
SD value		Sd=0,03 (±0,015)		

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.

*Marcin Tomaszewski*  
**KRUMBER GROUP**  
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 ul. Kościuszki 17, 95-054 Ksawerów  
 NIP 731-171-88-61, REGON 472319977

Ksawerów, dated 10.02.2020

dr Marcin Tomaszewski, Owner