

TECHNICAL DATA SHEET

1. Unique identification code of the product-type:
Breathable roofing membrane **KRUMBER FLEX 95 (A)**

2. Manufacturer:
KRUMBER GROUP Marcin Tomaszewski, ul. Kościuszki 17, 95-054 Ksawerów, Polska

3. Harmonized standard:
EN 13859-1:2010, EN 13859-2:2010

1. Application:

KRUMBER FLEX 95 (A) is diffuse-open membrane designed as house wrap, which goes under the external roofing. Membrane **KRUMBER FLEX 95 (A)** is totally waterproof, protects thermal insulation against rain or snow from the outside and also it is an excellent wind barrier designed a cover walls in framed structures.

The product can be used in all ventilated and non-ventilated roofs, under a variety of roofing (eg.ceramic tile, concrete tile, metal tiles, shingles, etc.).

The membrane should be protected from direct exposure to UV radiation within one month of installation and from the effects of scattered radiation - max. within 3 months, by installation of insulation on the inside.

4. Characteristics:

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		170 (±35)	N/50mm	
Tensile strength in transverse direction		95 (±40)	N/50mm	
Elongation in longitudinal direction		70 (±50)	%	
Elongation in transverse direction		110 (±60)	%	
Tear resistance in longitudinal direction		85 (±40)	N	
Tear resistance in transverse direction		110 (±50)	N	
Flexibility at low temperatures		-40	°C	
After artificial ageing	Resistance to water penetration	Class W1	-	
	Tensile strength in longitudinal direction	150 (±45)	N/50mm	
	Tensile strength in transverse direction	75 (±35)	N/50mm	
	Elongation in longitudinal direction	40 (±25)	%	
	Elongation in transverse direction	45 (+35;-25)	%	
Water vapor penetration		Sd=0,03 (±0,015)	-	

or as agreed with the customer