

1. Unique identification code of the product-type:

**WPP/WIZ P/013/2 Breathe-X Black**

2. Intended use/es:

**Flexible sheets for underlays which are to be used under roof covering of discontinuous roofs and for walls which are to be used in walls behind outside wall coverings in order to avoid penetration of wind and water from outside. Subject to reaction to fire regulations.**

3. Manufacturer:

**CB S.A., Ozimska 2A, 46-053 Chrzastowice, PL**

4. System/s of AVCP:

**System 3**

5. Harmonised standard:

**EN 13859-1:2010, EN 13859-2:2010**

Notified body/ies:

**No 1434, Polskie Centrum Badań i Certyfikacji S.A.**

6. Declared performance:

ESSENTIAL CHARACTERISTICS	DECLARED VALUE	TOLERANCE		UNIT	HARMONISED STANDARD	
		MINIMUM	MAXIMUM			
Reaction to fire*	E	-	-	class	EN 13859-1:2010 EN 13859-2:2010	
Watertightness	W1	-	-	class	EN 13859-1:2010 EN 13859-2:2010	
Flexibility at low temperature	≥-40	-	-	[°C]	EN 13859-1:2010 EN 13859-2:2010	
<b>Tensile properties</b>						
	Maximum tensile strength along	185	-30%	+30%	[N/50mm]	EN 13859-1:2010 EN 13859-2:2010
	Maximum tensile strength across	120	-30%	+30%	[N/50mm]	EN 13859-1:2010 EN 13859-2:2010
	Elongation along	60	-30%	+30%	[%]	EN 13859-1:2010 EN 13859-2:2010
	Elongation across	100	-30%	+30%	[%]	EN 13859-1:2010 EN 13859-2:2010
<b>Tensile strength</b>						
	Resistance to tearing (nail shank) along	100	-20%	+20%	[N]	EN 13859-1:2010 EN 13859-2:2010
	Resistance to tearing (nail shank) across	130	-20%	+20%	[N]	EN 13859-1:2010 EN 13859-2:2010
<b>Resistance to artificial ageing</b>						
Watertightness	Resistance to water penetration after artificial ageing	W1	-	-	class	EN 13859-1:2010 EN 13859-2:2010
<b>Tensile strength</b>						
	Tensile strength along after artificial ageing	≥50%of initial value tested	-	-	[N/50mm]	EN 13859-1:2010 EN 13859-2:2010
	Tensile strength across after artificial ageing	≥50%of initial value tested	-	-	[N/50mm]	EN 13859-1:2010 EN 13859-2:2010
	Elongation along after artificial ageing	≥50%of initial value tested	-	-	[%]	EN 13859-1:2010 EN 13859-2:2010
	Elongation across after artificial ageing	≥50%of initial value tested	-	-	[%]	EN 13859-1:2010 EN 13859-2:2010
<b>Water vapour transmission properties</b>						
	Water vapor diffusion resistance factor Sd	0,02	-0,01	+0,03	[m]	EN 13859-2:2010

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Wioletta Kopyto - Quality Director CB S.A.

Chrzastowice,

17.11.2020

