

Declaration of Performance No P/011/1

BREATHE-X BEIGE

- Unique identification code of the product-type:
EN 13859-1
- Type, batch or any other element allowing identification the construction product as required pursuant to Article 11 (4)¹⁾:
Product name. Batch number: imprint to be found on the product
- Intended use, or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
**Watertight breather membrane - used as an underlay to coverings of pitched roofs.
Product should be installed according to manufacturer's instruction.**
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5)¹⁾:

CB S.A. , ul. Ozimska 2a, PL46-053 Chrzastowice

- Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2)¹⁾: **Not applicable.**
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V¹⁾:
System 3.
- In case of the declaration of performance concerning product covered by a harmonised standard:
Polskie Centrum Badań i Certyfikacji S.A. (PCBC)
Construction Products Test Laboratory in Gdansk
Notified body No 1434
carried out initial type testing and issued test reports No 359/H/2011 and No 210/H/2011
- In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not applicable.**
- Declared performance:

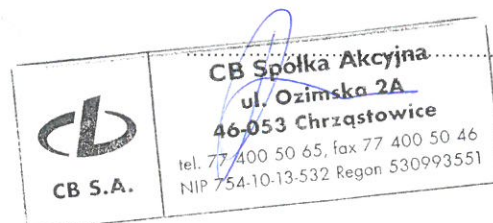
Essentials characteristics:	Unit	Performance	Tolerance	Harmonised technical specification
Length	[m]	50	(-0)	EN 1848-2
Width	[m]	1,5	-0,5/+1,5%	EN 1848-2
Straightness	-	Requirements met	-	EN 1848-2
Mass per unit area	[g/m ²]	120	±10%	EN 1849-2
Reaction to fire	-	E	-	EN 11925-2
Resistance to water penetration	-	W1	-	EN 1928 Method A
Water vapour transmission properties	Sd [m]	0,02	(-0,01/ +0,03)	EN ISO 12572
Maximum tensile force (MD)	[N/50mm]	260	±30%	EN 12311-1
Maximum tensile force (CD)	[N/50mm]	150	±30%	EN 12311-1
Elongation (MD)	[%]	75	±20%	EN 12311-1
Elongation (CD)	[%]	80	±30%	EN 12311-1
Resistance to tearing (nail shank) (MD)	[N]	105	±15%	EN 12310-1
Resistance to tearing (nail shank) (CD)	[N]	145	±20%	EN 12310-1
Dimensional stability	[%]	< 2	-	EN 1107-2
Flexibility at low temperature	[°C]	-40	-	EN 1109
Resistance to penetration of air	[m ³ /(m ² xhx50Pa)]	NPD	-	EN 12114
Watertightness of the seam	-	NPD	-	EN 1928 Method A
Artificial ageing				EN 1296 & EN 1297
Resistance to water penetration	-	NPD	-	EN 1928 Method A
Maximum tensile force (MD)	[N/50mm]	NPD	±20%	EN 12311-1
Maximum tensile force (CD)	[N/50mm]	NPD	±30%	EN 12311-1
Elongation (MD)	[%]	NPD	±20%	EN 12311-1
Elongation (CD)	[%]	NPD	±30%	EN 12311-1

- The performance of the product identified in points 1 and 2 is in conformity with declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer's identified in point 4.

Signed for and on behalf of the manufacturer:

Chrzastowice, 01.07.2013r.



¹⁾ Regulation (EU) No 305/2011 - EU Construction Products Regulation

Declaration of Performance No P/012/1

BREATHE-X GREY

- Unique identification code of the product-type:
EN 13859-1
- Type, batch or any other element allowing identification the construction product as required pursuant to Article 11 (4)¹⁾:
Product name. Batch number: imprint to be found on the product
- Intended use, or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
**Watertight breather membrane - used as an underlay to coverings of pitched roofs.
Product should be installed according to manufacturer's instruction.**
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5)¹⁾:

CB S.A. , ul. Ozimska 2a, PL46-053 Chrzęstowice

- Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2)¹⁾: **Not applicable.**
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V¹⁾:
System 3.
- In case of the declaration of performance concerning product covered by a harmonised standard:
Polskie Centrum Badań i Certyfikacji S.A. (PCBC)
Construction Products Test Laboratory in Gdansk
Notified body No 1434
carried out initial type testing and issued test reports No 359/H/2011 and No 210/H/2011
- In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not applicable.**
- Declared performance:

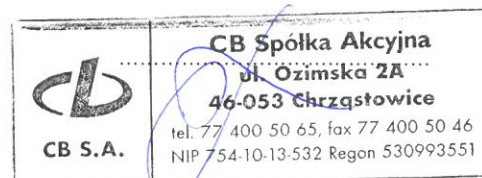
Essentials characteristics:	Unit	Performance	Tolerance	Harmonised technical specification
Length	[m]	50	(-0)	EN 1848-2
Width	[m]	1,5	-0,5/+1,5%	EN 1848-2
Straightness	-	Requirements met	-	EN 1848-2
Mass per unit area	[g/m ²]	100	±10%	EN 1849-2
Reaction to fire	-	E	-	EN 11925-2
Resistance to water penetration	-	W1	-	EN 1928 Method A
Water vapour transmission properties	Sd [m]	0,02	(-0,01/ +0,03)	EN ISO 12572
Maximum tensile force (MD)	[N/50mm]	210	±30%	EN 12311-1
Maximum tensile force (CD)	[N/50mm]	140	±30%	EN 12311-1
Elongation (MD)	[%]	65	±20%	EN 12311-1
Elongation (CD)	[%]	65	±30%	EN 12311-1
Resistance to tearing (nail shank) (MD)	[N]	80	±15%	EN 12310-1
Resistance to tearing (nail shank) (CD)	[N]	120	±20%	EN 12310-1
Dimensional stability	[%]	<2	-	EN 1107-2
Flexibility at low temperature	[°C]	-40	-	EN 1109
Resistance to penetration of air	[m ³ /(m ² xhx50Pa)]	NPD	-	EN 12114
Watertightness of the seam	-	NPD	-	EN 1928 Method A
Artificial ageing				EN 1296 & EN 1297
Resistance to water penetration	-	W1	-	EN 1928 Method A
Maximum tensile force (MD)	[N/50mm]	180	±20%	EN 12311-1
Maximum tensile force (CD)	[N/50mm]	100	±30%	EN 12311-1
Elongation (MD)	[%]	48	±20%	EN 12311-1
Elongation (CD)	[%]	60	±30%	EN 12311-1

- The performance of the product identified in points 1 and 2 is in conformity with declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer's identified in point 4.

Signed for and on behalf of the manufacturer:

Chrzęstowice, 01.07.2013r.



¹⁾ Regulation (EU) No 305/2011 - EU Construction Products Regulation