

DECLARATION OF PERFORMANCE

NO. KWCE20251229-C170

1. Unique identification code of the product type:

Flexible Sheets for Waterproofing - Waterproof and breathable membrane

EN 13859-1:2010 / EN13859-2:2010

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Flexible Sheets for Waterproofing - Waterproof and breathable membrane

"The product is unbleached and undyed, made from synthetic filament fibers"

Type: C170

Specification: 1.5m*50m/roll

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Waterproofing and breathable membrane as wall and roofing underlay

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

金达威 .Kingway.....

.Factory Address: No. 59, Kanghua Road, Haian Developent Zone, Jiangsu Province ,China

Email: Terry@hekway.com Website: www.Hekway.com

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

SGS-CSTC Standards Technical Services Co., Ltd. SHANGHAI BRANCH

Institute for Testing and Certification (Notified Body No. 1301)(name and identification number of the notified body, if relevant)

performed ... under system 3 (description of the third party tasks as set out in Annex V)
and issued .. CE : IN-SH-CP-5627-22321-CE

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not Applicable



9. Declared performance

Essential characteristics	Performance	Harmonised technical specification		
Reaction to fire	Class E	EN 13501-1+A1: 2010		
Resistance to water penetration	W1	EN 13859-1:2010		
Flexibility at low temperature	-50 °C	EN 13859-1:2010		
Tear resistance in longitudinal direction	(130 ± 10) N	EN 13859-1:2010		
Tear resistance in transverse direction	(150 ± 10) N	EN 13859-1:2010		
Tensile strength in longitudinal direction	before artificial ageing: (270 ± 20) N/50 mm after artificial ageing: (200 ± 20) N/50 mm	EN 13859-1:2010		
Tensile strength in transverse direction	before artificial ageing: (170 ± 20) N/50 mm after artificial ageing: (130 ± 20) N/50 mm	EN 13859-1:2010		
Elongation in longitudinal direction	before artificial ageing: (50 ± 5) % after artificial ageing: (30 ± 5) %	EN 13859-1:2010		
Elongation in transverse direction	before artificial ageing: (70 ± 5) % after artificial ageing: (50 ± 5) %	EN 13859-1:2010		
Air tightness		EN12114		
Measured air leakage				
Pressure (Pa)	Positive pressure in the box		Negative pressure in the box	
	m³/m²,h	m³/m²,h,Pa	m³/m²,h	m³/m²,h,Pa
10	<0,02	<0,0002	<0,02	<0,0002
25	<0,02	<0,0002	<0,02	<0,0002
50	0,05	0,0005	0,05	0,0005
75	0,07	0,0007	0,06	0,0006
100	0,08	0,0008	0,07	0,0007
Water Vapour transmission properties		EN 13859-1:2010		

Evaluated characteristics	Unit	Test result ¹⁾	Test uncertainty ²⁾
Sd - water vapour diffusion - equivalent air layer thickness	m	0,027	0,002
Diffusion resistance factor	-	27,4	0,9

Dimensional Stability:

EN13859-1:2010

Evaluated characteristics	Unit	Test result ¹⁾	Test uncertainty ²⁾
Change of dimensions in a first direction	%	+0,4	0,02
Change of dimensions perpendicular to the first direction	%	-3,1	0,7

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

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

Signed for and on behalf of the manufacturer by:

Terry Zhou.....General Manager.

(name and function)

Nantong, July 6, 2025

(place and date of issue) (signature)

