

DECLARATION OF PERFORMANCE

Declaration of Performance Number:

PLC-DOP-06

1. Unique Identification code of the Product Type:

SECOLITE[®] Water Resistive Barrier

2. Intended of Use/es:

SECOLITE[®] Water Resistive Barrier is used as underlay for discontinuous roofing according to EN 13859-1 : 2010 and underlays for walls to EN 13859-2 : 2010

3. Manufacturer:

PLACACEM Lda.
Zona Industrial de Vagos, Lotes 50, 52
3840-385, Vagos
Portugal

4. Name of the authorized representative whose mandate covers the tasks specified in Article 12, Paragraph 2:

N/A

5. Systems/s of assessment and verification of constancy of performance:

System 3

6. Notified Body:

Technicky A Skusobny Ustav Stavebny n.o. Notified Body 1301 performed the initial type test according to EN 13859-1 :2014

7. Declared Performance

Essential Characteristics	Specified Value	Bottom Tolerance	Top Tolerance	Unit	Test Standard
Length	50	50	51	m	EN 1849-2
Width	1500	1493	1523	mm	
Mass per unit area (weight)	116	112.7	127.4	g/m ²	
Tensile strength (MD)	250	200	350	N/50mm	EN 12311-1
Tensile strength (CD)	170	135	240	N/50mm	
Max elongation at tensile strength (MD)	60	30	120	%	
Max elongation at tensile strength (CD)	80	40	150	%	
Nail tear resistance (MD)	150	100	200	N	EN 12310-1
Nail tear resistance (CD)	190	140	240	N	
Resistance to water penetration	W1			Class	EN1928
Water vapour transmission properties sd	0.050	0.020	0.090	m	EN 1931/ EN ISO 12572
Reaction to Fire	E			Class	EN 13501-1
Dimensional Stability (MD)	-1.3	-2.0	2.0	%	EN 1107-2
Dimensional stability (CD)	0.9	-2.0	2.0	%	
Tensile strength after ageing (MD)	235	159	285	N/50mm	EN 12311-1
Tensile strength after ageing (CD)	115	81	165	N/50mm	
Elongation after ageing (MD)	40	20	80	%	
Elongation after ageing (CD)	43	20	80	%	
Resistance to water penetration after ageing	W1			Class	EN1928
Flexibility at low temperature	-40	-40	-40	°C	EN 1109
Resistance against air penetration	0.00	0.00	0.00	m ³ /(m ² *h* 50 Pa)	EN 12114

8. The Performance of the Product identified above is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified in the point 3.

Signed for and on behalf the manufacturer,



Kent Douglas Ward
Managing Partner – Director
R&D

PLACACEM LDA
Vagos, (Aveiro), Portugal

April 20, 2021