



DECLARATION OF PERFORMANCE

AluShell 0.4

N° DOP AluShell 0.4-2022.11.28

1. Unique identification code of the product type:

AluShell 0.4.

2. Identification of the construction product:

See product label and/or packaging.

3. Intended use or uses:

AluShell 0.4 vapour control layer, is a reinforced aluminium foil with polymer bitumen backing, for use as self-adhesive vapour control layer for mechanical attached roof applications.

4. Contact address of manufacturer/trading company:

SealEco AB
P.O.Box 514
SE-331 25 Värnamo
Sweden

5. System or systems of assessment and constancy of performance:

System 3.

6. Harmonised standard:

EN 13970:2004

Notified body/ies:

Initial Type Testing was performed by
notified body: 1213, SKZ-TeCona GmbH & notified body: 1085, Stelle Prüfinstitut Ofi

7. Declared performance

Characteristic	Test method	Unit	Performance		Harmonised Standard
			Value	Expr. of result	
Watertightness	EN 1928:2000		Pass	Pass/Fail	EN 13970
Tensile strength	EN 12311-1	N/50 mm	400	≥ MLV	
Elongation at break	EN 12311-1:1999	%	2.5	≥ MLV	
Resistance to impact	EN 12691:2001	mm	200	≥ MLV	
Resistance to tearing	EN 12310-1:1999	N	60	≥ MLV	
Joint strength	EN 12317-1	N/50 mm	300	≥ MLV	
Durability of water vapour resistance against artificial ageing	EN 1296:2001 and EN 1931:2001		Pass	Pass/Fail	
Durability of watertightness against chemicals	EN 1847:2001 and EN 1931:2001		Pass	Pass/Fail	
Low temperature flexibility	EN 1109:1999	°C	-30	≥ MLV	
Reaction to fire	EN 13501-1:2002		E	Class	
Water vapour transmission properties, sd	EN 1931:2003	m	1500	≥ MLV	
Dangerous substances	EU construction directive		No dangerous substances	MDV	

NPD = No Performance Determined
 MDV= Manufacturer's Declared Value
 MLV = Manufacturer's Limiting Value

8. Declaration

The performance of the product is in conformity with the declared performance. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Värnamo, 28-11-2022



Dr. Linda Hussami
 Material Engineer
 SealEco AB