



DECLARATION OF PERFORMANCE No. 004

PAA79



1. **Identification Code** PAA79 (or PAL79, PAT79, PAC79, PAR79, PAB79, PAM79, PAP79)
2. **Product Type** Reinforced bitumen membrane
3. **Intended Use in Accordance with EN 13969** Damp proofing for buildings
4. **Manufacturer name and contact address** Carlisle Hardcast Europe B.V. (Trade no. 09089762)
Bloemendalerweg 25-33
NL-1382 KB Weesp
5. **System of Assessment and Verification of Constancy of Performance** System 2 + and system 3 for Reaction to fire
6. **Notified Body (hEN)** Kiwa Nederland BV (NoBo no. 0620)
CE certificate 0620-CPR-90779
7. **Notified Body (ETA)** Not applicable (see 6)
8. **Declared Performance**

Properties		Performance	Test Method	Harmonized Standard
Watertightness		Pass	EN 1928	EN 13969:2004 (Type A)
Watertightness after artificial ageing		Pass	EN 1928 + EN 1296	
Watertightness after ageing		Pass	EN 1928 + EN 1847	
Low temperature flexibility at -35°C- top and bottom layer		Pass	EN1109	
Impact resistance (mm)		350	EN 12691	
Resistance to static loading (kg)		15	EN 12730 - Method B	
Tear Resistance (N)	Longitudinal	≥ 50	EN 12310-1	
	Transversal	≥ 30		
Joint Strength (N/50mm)		≥ 210	EN 12317-1	
Moisture resistance factor (μ)		≥ 1.000.000	EN 1931	
Tensile Strength (N/mm ²)	Longitudinal	≥ 5	EN 12311-1	
	Transversal	≥ 6		
Elongation (%)	Longitudinal	≥ 20	EN 12311-1	
	Transversal	≥ 21		
Reaction to fire		Class E	EN 11925-2 + EN 13501-1	
Dangerous Substances		Meets requirements	-	

9. Declaration

The performance of the product identified in point 1 and 2 is in conformity with declared performance in point 8. This declaration of performance is issued under the sole responsibility of manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Weesp, 05/02/2016

D. Pajic (R&D manager)