

PAA79

TECHNICAL
DATA SHEET 

GENERAL INFORMATION

Description

Self-adhesive sealing tape based on bitumen. Balanced mix of several synthetic rubbers and bitumen guarantees a permanent bonding on several materials such as concrete, stone, plastics and metals. The tape is flexible and it adheres directly on dry and flat substrates.

Composition

adhesive Modified bitumen adhesive (black colour)
backing PET/ALU combination 55µm (23µm / 25µm) -bright aluminum colour; aluminum foil on top
release liner One side siliconised PP 70µm (black/white colour)

Application

Waterproofing in general; tape is suitable for waterproof and moisture proof barrier in building-constructions; sealing concrete seams, covering openings between window-frames and wall and suitable as secondary moisture barrier, adheres on most substrates.

Sizes

standard thickness (mm) 1.0 / 1.4
standard widths (mm) 50 / 75 / 100 / 150 / 200 / 250 / 300 / 500 / 1000
standard lengths (m) 10 / 15
Other widths, lengths and thicknesses are available on request.

Alternative colours

lead - PAL79, red - PAR79, terracotta - PAT79, copper - PAC79, mat aluminium - PAM79, black - PAB79

TECHNICAL DATA

Properties	Performance	Test Method	
Watertightness	Pass	EN 1928	
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	EN 1109	
Impact resistance (mm)	350	EN 12691	
Resistance to static loading (kg)	15	EN 12730 - Method B	
Tear Resistance (N)	Longitudinal Transversal	≥ 50 ≥ 30	EN 12310-1
Joint Strength (N/50mm)	≥ 210	EN 12317-1	
Moisture resistance factor (µ)	≥ 1.000.000	EN 1931	
Tensile Strength (N/mm ²)	Longitudinal Transversal	≥ 5 ≥ 6	EN 12311-1
Elongation (%)	Longitudinal Transversal	≥ 20 ≥ 21	EN 12311-1
Reaction to fire	Class E	EN 11925-2 + EN 13501-1	
Loop tack	≥ 29 N	ASTM D6195	
Peel adhesion strength at 180°	≥ 14 N/10 mm	ASTM D3330	
Service temperature	-20 °C / + 70°C	-	
Application temperature	+5 °C / + 35°C	-	

- CE certification according to NEN EN 13969 - Damp proofing for building; certificate no. 0620-CPR-90779

Shelf life / storage

The characteristics of materials will stay the same for a long time, nevertheless for the best use it is recommended to apply within 24 months from production date. Store in dry, well ventilated room and at a max. temperature +30°C. Store above 40°C may lead to difficulties to remove release liner. Store only in original packed state.

Remarks

If applied on porous substrates a primer (type PR3) is strongly recommended.

Each product of Carlisle Hardcast Europe B.V. is warranted to be suitable for the specialized application for which it is intended. Since the methods and conditions of application are vital factors in the satisfactory performance of these products and such factors are beyond our control, our warranty is limited to the refund of a specific product found by our company to be defective. The products of Carlisle Hardcast Europe B.V. are designed to serve such a wide variety of specialized applications that it is not practical to include instructions for all uses. Special information furnished on request.

