

Reinforced butyl membrane

PAC74

TECHNICAL
DATA SHEET 

GENERAL INFORMATION

Description

Heavy duty self vulcanizing sealing tape with a strong self bonding layer (adhesive). The bonding grows stronger with time. Waterproofing is excellent.

Composition

adhesive Compound of an elastomeric modified butyl rubber (grey colour)
backing PET/ALU combination 55µm (23µm / 25µm) -copper colour; aluminum foil on top
release liner One side siliconised PP 70µm (black/white color)

Application

Permanent waterproofing, repairing and sealing. Multipurpose applications. Sealing and joining materials such as glass, steel, concrete, stone, wood, aluminum. For vapour impermeable sealing joints in the construction field.

Sizes

standard thickness (mm) 1
standard widths (mm) 50/ 75 / 100 / 150 / 200 / 250 / 300 / 500 / 1000
standard lengths (m) 15
Other widths, lengths and thicknesses are available on request.

TECHNICAL DATA

Properties	Performance	Test Method	
Watertightness	Pass	EN 1928	
Watertightness after ageing	Pass	EN 1928 + EN 1847	
Impact resistance (mm)	350	EN 12691	
Resistance to static loading (kg)	15	EN 12730 - Method B	
Tear Resistance (N)	Longitudinal Transversal	≥ 40 ≥ 40	EN 12310-2
Joint Strength (N/50mm)	≥ 215	EN 12317-2	
Moisture resistance factor (µ)	≥ 300.000	EN 1931	
Tensile Strength (N/mm ²)	Longitudinal Transversal	≥ 8 ≥ 8	EN 12311-2
Elongation (%)	Longitudinal Transversal	≥ 20 ≥ 20	EN 12311-2
Reaction to fire	Class E	EN 11925-2 + EN 13501-1	
Loop tack	≥ 33 N	ASTM D6195	
Peel adhesion strength at 180°	≥ 11 N/10 mm	ASTM D3330	
Service temperature	-20 °C / + 80°C	-	
Application temperature	+5 °C / + 35°C	-	

- CE certification according to NEN EN 13967 - Damp proofing for building; certificate no. 0620-CPR-87912

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.

