

BUTYL SEALING TAPES · PROBAR LINE

SealFlex ALU

Self-adhesive waterproof butyl tape · embossed aluminium finish

PRB-SFA · PROBAR CODE



SealFlex ALU is a self-adhesive waterproof butyl tape with an **embossed reflective aluminium facing**, offering high adhesion and UV resistance. The aluminium finish provides reflection and thermal insulation, ideal for exposed exterior applications.

FIELDS OF APPLICATION

- Metal and concrete roofs
- Trapezoidal sheets and panels
- Gutters, channels and downpipes
- Window/door connections and pipe penetrations
- Sealing of overlaps and joints, outdoors and indoors

PROPERTIES & BENEFITS

WATERPROOF

Total barrier to water and air, self-sealing

HIGH ADHESION

Immediate, permanent grip on most substrates

UV RESISTANT

Aluminium finish stable under sunlight

REFLECTIVE

Radiation reflection and thermal insulation

COLD-APPLIED

No solvents, no flame: pressure and roller

INDOOR & OUTDOOR

Suitable exposed on roofs and metal details

TECHNICAL DATA

PROPERTY	VALUE	REF. / STANDARD
Composition	Self-adhesive butyl rubber	—
Surface facing	Embossed aluminium foil	—
Total thickness	1.0 mm	—
Adhesive layer thickness	0.9 mm	—
Density	1.15 g/cm ³	JC/T 942-2004
Adhesion to membrane	1.6 N/mm	JC/T 942-2004
Heat resistance	100 °C / 2 h — no slippage	JC/T 942-2004
Cold flexibility	-40 °C — no cracking	JC/T 942-2004
Application temperature	-5 °C / +50 °C	—

SUBSTRATE PREPARATION

The substrate must be **clean, dry and sound**, free of dust, grease, release oils, rust or loose parts. On porous or low-absorption surfaces apply an adhesion-promoting primer.

PACKAGING & CODES

1 mm × 5 cm × 10 m · 1 mm × 10 cm × 10 m — code **PRB-SFA**

STORAGE

Store the rolls upright, in the original undamaged packaging, in a cool dry place between **+16 °C and +50 °C**, away from direct sunlight. **Shelf life 36 months**.

APPLICATION

Remove the silicone release film and apply with **uniform pressure using a roller**. At joints provide a **minimum overlap of 20 mm**. Apply between -5 °C and +50 °C on a dry substrate.

WARNINGS & SAFETY

Professional use only. Do not apply on damp, wet or frozen substrates. Consult the **Safety Data Sheet** (SDS) before use.

SPECIFICATION TEXT

Supply and installation of a self-adhesive butyl-rubber tape with embossed reflective aluminium facing, type **SealFlex ALU** (Probar Italia), thickness 1 mm, density 1.15 g/cm³, adhesion 1.6 N/mm, cold flexibility -40 °C (ref. JC/T 942-2004), cold-applied with minimum 20 mm overlap.

The data provided correspond to current knowledge and experience; verify suitability with preliminary tests. This data sheet supersedes all previous versions. Rev. 08/2026.