

puren M vapour barrier DS AL, self-adhesive with aluminium inlay

Description

Self-adhesive, bituminized vapour barrier with aluminium inlay, cold gluing without hot bitumen. To combine with conventional hot gluing systems

When penetrated with screws etc., the non-tearing material closes and sticks around the metal.

The self-adhesive vapour barrier **puren M DS-AL** has to be placed on the **clean** base like **concrete or trapezoidal metal sheets** considering the building guidelines or codes of the different countries.

Between **timber/plywood decking** and the **puren M vapour barrier DS AL** has to be laid a separation layer: the **puren M TOP DSB 100**.

Above all we propose to consider the codes regarding the overlaps and the air-tightness.

Technical characteristics

• Dimension	25,00 m x 1,00 m (= 25 sqm per roll)
• Weight	approx. 30 kg per roll
• Inlay	aluminium foil 0,050 mm
• Thickness	approx. 1,2 mm
• Top	aluminium foil, flocked with mineral fleece
• Bottom	separating foil, cold gluing
• sd-value	> 1.500 m
• Thermal stability	approx. + 100° C
• Cold flexibility	approx. – 40° C
• Fire rating	B2 (acc. DIN 4108)
• Air-permeability	airtight
• Stability against UV radiation	minimum 3 months
• Tensile strength longitudinal	292 N/50 mm (acc. ASTM D 638)
• Tensile strength transversal	43 % (acc. ASTM D 638)
• Elongation at break transversal	23 % (acc. ASTM D 638)
• Tearing resistance (nails)	71,4 N (acc. ASTM E1 54)
• Peel adhesion on concrete	5,8 N/mm
• Tests	FMPA Baden-Württemberg, SISIR, DVGW



The information provided in this paper does not release the buyer from his obligation to check the materials used for the suitability for the intended purpose or application.

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