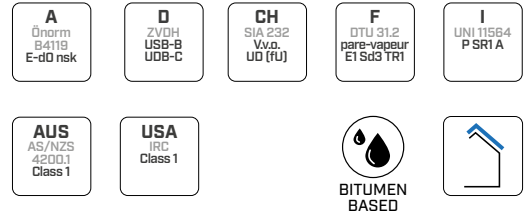


BYTUM BASE 2500



SELF-ADHESIVE BITUMINOUS MEMBRANE



FLAT ROOF

Ideal for flat roofs as a final visible layer in combination with BYTUM SLATE 3500.

WORKABILITY

Flexibility and workability are guaranteed even at low temperatures thanks to the polymer-modified bituminous compound.

SELF-ADHESIVE AND SELF-SEALING

The adhesive compound and polyester surface finish allow the membrane to be self-sealed quickly and conveniently.



COMPOSITION

- top layer
PL film

- compound
elastoplastic polymeric distilled bitumen

- reinforcing layer
PL stabilised with fibreglass

- compound
elastoplastic polymeric distilled bitumen

- bottom layer
distilled bitumen modified with self-adhesive polymer

- release liner
removable plastic film

CODES AND DIMENSIONS

CODE	description	liner [mm]	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
BYTBASE2500	BYTUM BASE 2500	500 / 500	1	10	10	3.3	33	108	29



WITHOUT FLAME

Thanks to the modified self-adhesive bitumen compound, the product can be installed without the use of naked flames or heat.

EASY INSTALLATION

Pre-cut removable monosilicone films and a precise alignment of the liners make the work safe, pleasant and aesthetically perfect.

TECHNICAL DATA

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-1	approx. 2550 g/m ²	approx. 8.36 oz/ft ²
Thickness	EN 1849-1	2 mm	79 mil
Water vapour transmission (Sd)	EN 1931	approx. 200 m	approx. 0.017 US perm
Maximum tensile force MD/CD	EN 12311-1	400 / 300 N/50mm	46 / 34 lb/in
Elongation MD/CD	EN 12311-1	35 / 35 %	-
Resistance to nail tearing MD/CD	EN 12310-1	120 / 120 N	27 / 27 lbf
Watertightness	EN 1928	60 kPa	-
Temperature resistance	-	-40 / 100 °C	-40 / 212 °F
Reaction to fire	EN 13501-1	class E	-
Thermal conductivity (λ)	-	0,17 W/(m·K)	0.12 BTU/h·ft·°F
Specific heat	-	170 J/(kg·K)	-
Density	-	approx. 1250 kg/m ³	approx. 0.72 oz/in ³
Water vapour resistance factor (μ)	-	approx. 100000	approx. 1000 MNs/g
Joint strength	EN 12317-2	300 / 200 N/50mm	34 / 23 lb/in
Joint detachment resistance	EN 12316-1	-	-
UV stability ⁽¹⁾	EN 13859-1/2	3 months	-
Exposure to weather ⁽¹⁾	-	3 weeks	-
After ageing:			
- watertightness	EN 1297 / EN 1928	class W1	
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	300 / 200 N/50mm	34 / 23 lb/in
- elongation	EN 1297 / EN 12311-1	35 / 35 %	-
Flexibility at low temperatures	EN 1109	-20 °C	-4 °F
Hot sliding	EN 1110	100 °C	212 °F
Application temperature	-	10 / 30 °C	50 / 86 °F
Adhesion strength on proper support at 180°	EN 12316-1	50 N	11.24 lbf
Adhesion strength on steel	ASTM D 1000	50 N/50mm	6 lb/in

⁽¹⁾ For the correlation between laboratory tests and actual conditions, see page 199.

Store the product in a dry, covered location. The rolls must be transported and stored in a vertical position.

It is recommended to store the product at room temperature until application, as it is sensitive to temperature changes. We recommend applying it during the cooler hours in summer and the warmer hours in winter, possibly with the help of a hot air gun.

RELATED PRODUCTS



BYTUM LIQUID
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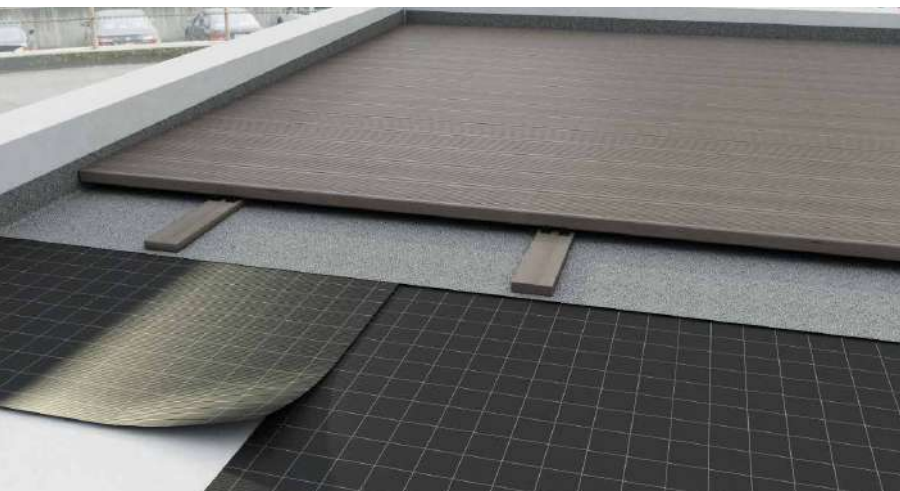
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GROUND BAND
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LOW PITCHES

Used on slopes of up to 5° as an under-tile, it guarantees excellent waterproofing even in the event of punching.