

BYTUM SLATE 3500

SELF-ADHESIVE SLATED BITUMINOUS MEMBRANE



EASY INSTALLATION

The slate finish makes BYTUM SLATE 3500 usable on slopes up to 5° as an under-tile and compatible with mortar and foam.

WIDE RANGE

Available in 4 colours to meet different application areas and aesthetic requirements.

FLEXIBILITY

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



CODES AND DIMENSIONS

CODE	description	liner [mm]	colour	H [m]	L [m]	A [m ²]	H	L	A	
							[ft]	[ft]	[ft ²]	
BYTSWHI3500	BYTUM SLATE 3500 WHITE	500 / 500	white	1	10	10	3.29	33	107.64	20
BYTSGRE3500	BYTUM SLATE 3500 GREEN	500 / 500	green	1	10	10	3.29	33	107.64	20
BYTSRED3500	BYTUM SLATE 3500 RED	500 / 500	red	1	10	10	3.29	33	107.64	20
BYTSGRA3500	BYTUM SLATE 3500 GRAY	500 / 500	grey	1	10	10	3.29	33	107.64	20



SELF-ADHESIVE AND SELF-SEALING

The lateral adhesive strip guarantees water-proofing even at the points where membranes overlap.

FLAT ROOF

Ideal for creating a flat roof as a final visible layer in combination with BYTUM BASE 2500.

COMPOSITION

top layer	slate chips
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



TECHNICAL DATA

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-1	3500 g/m ²	11.47 oz/ft ²
Thickness	EN 1849-1	ca. 2.8 mm	approx. 110 mil
Water vapour transmission (Sd)	EN 1931	280 m	0.012 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. 1400 MNs/g
Joint strength	EN 12317-2	300 / 200 N/50mm	34 / 23 lb/in
UV stability ⁽¹⁾	EN 13859-1/2	permanent	-
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	-15 °C	5 °F
Hot sliding	EN 1110	100 °C	212 °F
Application temperature	-	10 °C	50 °F
Adhesion strength on selvedge at 180°	EN 12316-1	50 N	11.240451 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.



PERMANENT UV STABILITY

The exposed slated top layer provides long-lasting weather resistance by protecting the bitumen waterproofing layer.

RECOMMENDATIONS FOR INSTALLATION

BYTUM SLATE 3500



BYTUM BASE 2500 | BYTUM SLATE 3500



RECOMMENDATIONS FOR INSTALLATION

INTERNAL CORNER



3 MARLIN, CUTTER

4 ROLLER

EXTERNAL CORNER

