

BYTUM SLATE 3500

SELF-ADHESIVE SLATED BITUMINOUS MEMBRANE



AUS AS/NZS 4200.1 Class 1	USA IRC Class 1	A Dnorm B4119 E-d0 nsk	D ZVDH US8-B UD8-C	CH SIA 232 Vva. UD (FJ)	F DTU 31.2 pare-vapeur ET Sd3 TR1	I UNI 11564 PSR1 A
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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 [ft]	L [ft]	A [ft ²]	
BYTSWHI3500	BYTUM SLATE 3500 WHITE	500/500	white	1	10	10	3.29	33	107.64	27
BYTSGRE3500	BYTUM SLATE 3500 GREEN	500/500	green	1	10	10	3.29	33	107.64	27
BYTSRED3500	BYTUM SLATE 3500 RED	500/500	red	1	10	10	3.29	33	107.64	27
BYTSGRA3500	BYTUM SLATE 3500 GRAY	500/500	grey	1	10	10	3.29	33	107.64	27



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

- ① top layer: slate chips
- ② compound: elastoplastic polymeric distilled bitumen
- ③ reinforcing layer: PL stabilised with glass fibre
- ④ compound: elastoplastic polymeric distilled bitumen
- ⑤ bottom layer: distilled bitumen modified with self-adhesive polymer
- ⑥ release liner: removable plastic film



TECHNICAL DATA

Properties	standard	value	USC units
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
Tensile strength MD/CD	EN 12311-1	400/300 N/50 mm	46/34 lbf/in
Elongation MD/CD	EN 12311-1	35/35 %	-
Resistance to nail tearing MD/CD	EN 12310-1	120/120 N	27/27 lbf
Adhesion strength on selvedge at 180°	EN 12316-1	50 N	11.240451 lbf
Adhesion strength on steel	ASTM D 1000	50 N/50 mm	6 lbf/in
Watertightness (60 kPa)	EN 1928	compliant	-
Resistance to temperature	-	-20/+90 °C	-4/+ 194 °F
Flexibility at low temperatures	EN 1109	-20 °C	-4 °F
Hot sliding	EN 1110	+90 °C	+194 °F
Application temperature (product, support and ambient)	-	10 °C	50 °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. 78 lbm/ft ³
Water vapour resistance factor (μ)	EN 13707	approx. 20000	approx. 200 MNs/g
Joint strength	EN 12317-2	300/200 N/50 mm	34/23 lbf/in
UV stability	EN 13859-1/2	permanent	-
After ageing:			
- watertightness (60 kPa)	EN 1296/EN 1928	compliant	-
- tensile strength MD/CD	EN 1297/EN 12311-1	300/200 N/50 mm	34/23 lbf/in
- elongation	EN 1297/EN 12311-1	30/30 %	-
Storage temperature ⁽¹⁾	-	+10/+ 40 °C	+50/104 °F

⁽¹⁾The rolls must be transported and stored in a vertical position. Store the product in a dry, covered location until application, as it is sensitive to temperature fluctuations. For best results, apply it during the cooler hours in summer and warmer hours in winter, using a hot air gun if possible.

 Waste classification (2014/955/EU): 08 04 10.



PERMANENT UV STABILITY

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