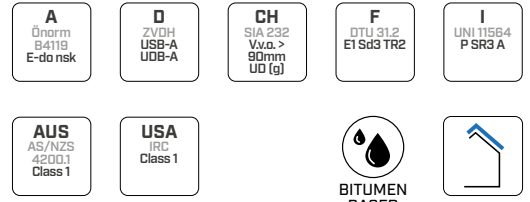


BYTUM 2000

BITUMINOUS UNDERLAY CONTROL LAYER



COMPOSITION

- top layer
non-woven PP fabric
- compound
bituminous mixture
- reinforcing layer
PL fabric
- compound
bituminous mixture
- bottom layer
non-woven PP fabric



TECHNICAL DATA

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-1	2000 g/m ²	6.55 oz/ft ²
Thickness	EN 1849-2	1,8 mm	71 mil
Water vapour transmission (Sd)	EN 1931	120 m	0.029 US perm
Maximum tensile force MD/CD	EN 12311-1	600 / 400 N/50mm	69 / 46 lb/in
Elongation MD/CD	EN 12311-1	40 / 40 %	-
Resistance to nail tearing MD/CD	EN 12310-1	220 / 230 N	49 / 52 lbf
Watertightness	EN 1928	class W1	-
Temperature resistance	-	-40 / 100 °C	-40 / 212 °F
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	0 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Thermal conductivity (λ)	-	0,2 W/(m·K)	0.12 BTU/h·ft·°F
Specific heat	-	175 J/(kg·K)	-
Density	-	approx. 1100 kg/m ³	approx. 0.64 oz/in ³
Water vapour resistance factor (μ)	-	approx. 20000	approx. 600 MNs/g
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	500 / 300 N/50mm	57 / 34 lb/in
- elongation	EN 1297 / EN 12311-1	40 / 40 %	-
Flexibility at low temperatures	EN 1109	-20 °C	-4 °F

⁽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.

CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m ²]	[ft]	[ft]	[ft ²]	
BYT2000	BYTUM 2000	-	1	15	15	3.3	50	161	33

RECOMMENDATIONS FOR INSTALLATION: BYTUM

APPLICATION ON ROOF - EXTERNAL SIDE



1 BYTUM400, BYT750, BYT110, BYT1500, BYT2000

2 HAMMER STAPLER 47, HAMMER STAPLER 22, HAND STAPLER, STAPLES

5 EASY BAND, SPEEDY BAND, FLEXI BAND, FLEXI BAND UV, SOLID BAND, PLASTER BAND

6 ROLLER