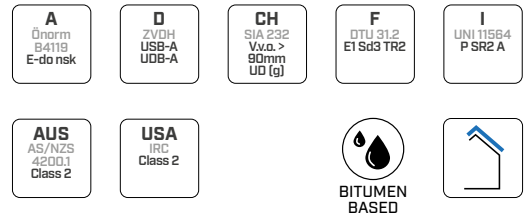


BYTUM 400



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	400 g/m ²	1.31 oz/ft ²
Thickness	EN 1849-2	0,6 mm	24 mil
Water vapour transmission (Sd)	EN 1931	22 m	0.159 US perm
Maximum tensile force MD/CD	EN 12311-1	500 / 400 N/50mm	57 / 46 lb/in
Elongation MD/CD	EN 12311-1	45 / 50 %	-
Resistance to nail tearing MD/CD	EN 12310-1	200 / 200 N	45 / 45 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	-	120 J/(kg·K)	-
Density	-	approx. 600 kg/m ³	approx. 0.35 oz/in ³
Water vapour resistance factor (μ)	-	approx. 36000	approx. 110 MNs/g
UV stability ⁽¹⁾	EN 13859-1/2	4 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	450 / 350 N/50mm	51 / 40 lb/in
- elongation	EN 1297 / EN 12311-1	35 / 40 %	-
Flexibility at low temperatures	EN 1109	-40 °C	-40 °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]	
BYT400	BYTUM 400	-	1	50	50	3.3	164	538	20