

BYTUM BASE 3000

Self-adhesive bituminous underlay membrane

Distilled bitumen with elastomeric polymer and polyethylene (PE) coating

CE
EN13859-1
EN13970

DE
ZVDH
E1 D0
PVE G

IT
UNI 11564
V / SR1 / B



Can be used on flat roofs in combination with BYTUM SLATE 3500

Flexibility and workability guaranteed even at low temperatures

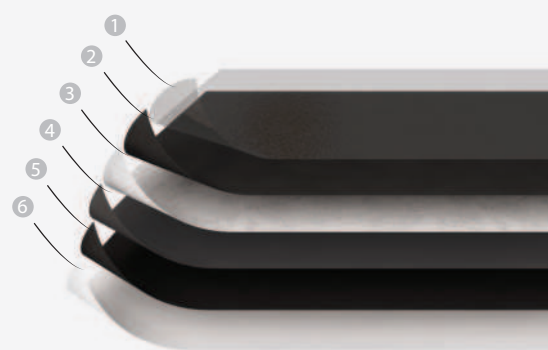
Self-adhesive sheath

Can be used at pitches up to 5° as an underlay

TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	approx. 3.0 kg/m ²
Thickness	EN 1849-2	3 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	300 m
Maximum tensile force MD/CD	EN 12311-1	450 / 400 N/50 mm
Elongation MD/CD	EN 12311-1	35 / 40 %
Resistance to tearing MD/CD	EN 12310-1	140 / 140 N
Watertightness	EN 1928	class W1
UV exposure	-	8 months
Temperature resistance	-	-40 / +100 °C
Reaction to fire	EN 13501-1	class E
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	315 / 280 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	25 / 28 %
Creep resistance at high temperatures	EN 1110	> +100 °C
Flexibility at low temperature	EN 1109	-15 °C
Dimensional stability	EN 1107-2	-0.25 / +0.10 %
Thermal conductivity (λ)	-	0.2 W/mK
Specific heat	-	1500 J/kgK
Density	-	approx. 1000 kg/m ³
Water vapour resistance factor (μ)	-	approx. 100000
Recommended installation pitch	-	> 2°
Application temperature	-	> +5 °C
External fire performance	EN 13501-5	F roof

COMPOSITION



- 1 top layer: PE film
- 2 compound: distilled bitumen with elastomeric polymer
- 3 reinforcing layer: PL stabilised with fibreglass
- 4 compound: elastic polymer modified bitumen
- 5 bottom layer: distilled bitumen modified with self-adhesive polymer
- 6 separation layer: silicone paper

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
BYTBASE3000	D38424	BYTUM BASE 3000	-	1.0 x 10	10	28

WHERE CAN IT BE APPLIED?

