BYTUM BASE 2500

CE
EN13859-1
EN13970

DE ZVDH E1 D0 PYE G

IT UNI 11564 V / SR1 / A

Self-adhesive bituminous membrane

Distilled bitumen with elastomeric polymer and polyethylene (PE) coating

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

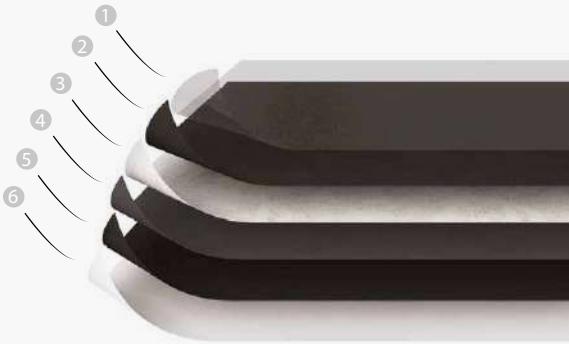
Self-adhesive and self-sealing sheath

Flexibility and workability guaranteed even at low temperatures

TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	approx. 2.55 kg/m^2
Thickness	EN 1849-2	2 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	approx. 200 m
Maximum tensile force MD/CD	EN 12311-1	400/300 N/50 mm
Elongation MD/CD	EN 12311-1	35 / 35 %
Resistance to tearing MD/CD	EN 12310-1	120 / 120 N
Watertightness	EN 1928	60 kPa
Temperature resistance	-	-40 / +100 °C
Reaction to fire	EN 13501-1	class E
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	300/200 N/50 mm
• watertightness	EN 13859-1	60 kPa
• elongation MD/CD	EN 13859-1	35/35 %
Shape stability to heat	EN 1110	100 °C
Flexibility at low temperature	EN 1109	-20 °C
Dimensional stability	EN 1107-2	0.30 %
Thermal conductivity (λ)	-	0.17 W/mK
Specific heat	-	170 KJ/kgK
Density	-	approx. 1250 kg/m^3
Water vapour resistance factor (μ)	-	approx. 100000
Recommended installation pitch	-	> 2°
Application temperature	-	+5/+40 °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:** distilled bitumen elastoplastic polymer
5. **bottom layer:** distilled bitumen modified with self-adhesive polymer
6. **separation layer:** removable plastic film

CODES AND DIMENSIONS

code	description	tape	H x L [m]	A [m^2]	pcs/
BYTBASE2500	BYTUM BASE 2500	-	1.0 x 10	10	29

WHERE CAN IT BE APPLIED?