BYTUM BASE 2500

SELF-ADHESIVE BITUMINOUS MEMBRANE

CE
EN 13707
EN 13859-1

DE ZVDH E1 DO PYE G

IT UNI 11564 V/SR1/A

BYTUM BASE 2500

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.

CODES AND DIMENSIONS

CODES	description	tape	H x L [m]	A [m²]	pcs.
BYTBASE2500	BYTUM BASE 2500	-	1,0 x 10	10	29

WHERE CAN IT BE APPLIED?

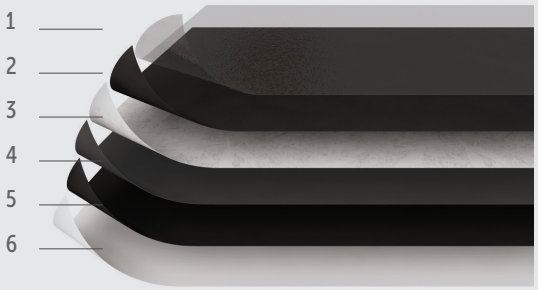
TECHNICAL DATA

Properties	Standard	Value
Mass per unit area	EN 1849-2	ca. 2,55 kg/m²
Thickness	EN 1849-2	2 mm
Straightness	EN 1849-2	conforming
Water vapour transmission (Sd)	EN 1931/EN ISO 12572	ca. 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
Reaction to fire	EN 13501-1	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 temperatures	EN 1109	-20 °C
Dimensional stability	EN 1107-2	0,30 %
Thermal conductivity (λ)		0,17 W/mK
Specific heat		170 KJ/kgK
Density		ca. 1250 kg/m³
Water vapour resistance factor (μ)		ca. 100000
Recommended installation pitch		> 2°
Application temperature		+5/+40 °C
External fire performance	EN 13501-5	F roof

MATERIAL

Distilled bitumen with elastoplastic polymer and polypropylene coating (PP).

COMPOSITION



1. **Top layer:** PP film
2. **Compound:** distilled bitumen elastoplastic 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