

BYTUM 1100

Bituminous underlay control layer

Bituminous compound with polyester (PL) reinforcing layer and polypropylene (PP) coating



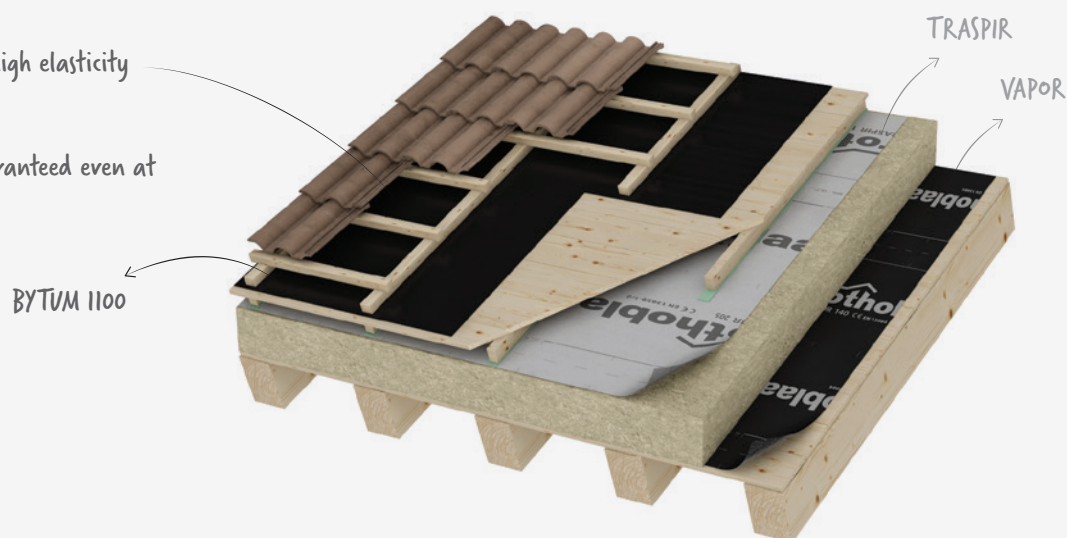
AT
Önorm B3661
KV Bitumen-
bahnen

DE
ZVDH
E1 DO
PVE PV

IT
UNI 11564
P / SR2 / A

Polyester reinforcing layer for high elasticity and mechanical strength

Flexibility and workability guaranteed even at low temperatures

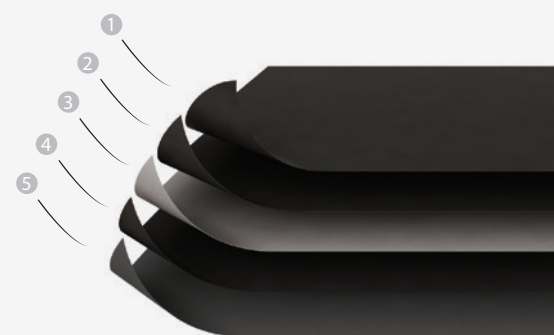


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	1100 g/m ²
Thickness	EN 1849-2	1.1 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	152 m
Maximum tensile force MD/CD	EN 12311-1	700 / 440 N/50 mm
Elongation MD/CD	EN 12311-1	45 / 55 %
Resistance to tearing MD/CD	EN 12310-1	220 / 230 N
Watertightness	EN 1928	class W1
UV resistance *	EN 13859-1	4 months
Temperature resistance	-	-40 / +100 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	-	0 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	665 / 396 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	36 / 44 %
Flexibility at low temperature	EN 1109	-40 °C
Dimensional stability	EN 1107-2	-0.5 / 0.5 %
Thermal conductivity (λ)	-	0.17 W/mK
Specific heat	-	850 J/kgK
Density	-	approx. 1000 kg/m ³
Water vapour resistance factor (μ)	-	approx. 152000
Recommended installation pitch	-	> 5°

* for more indications, see page 19

COMPOSITION



- ① top layer: non-woven PP fabric
- ② compound: bituminous mixture
- ③ reinforcing layer: PL fabric
- ④ compound: bituminous mixture
- ⑤ bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
BYT1100	D36602	BYTUM 1100	-	1.0 x 25	25	24

Available with integrated double tape on request (code **BYTTTT1100**)

WHERE CAN IT
BE APPLIED?

