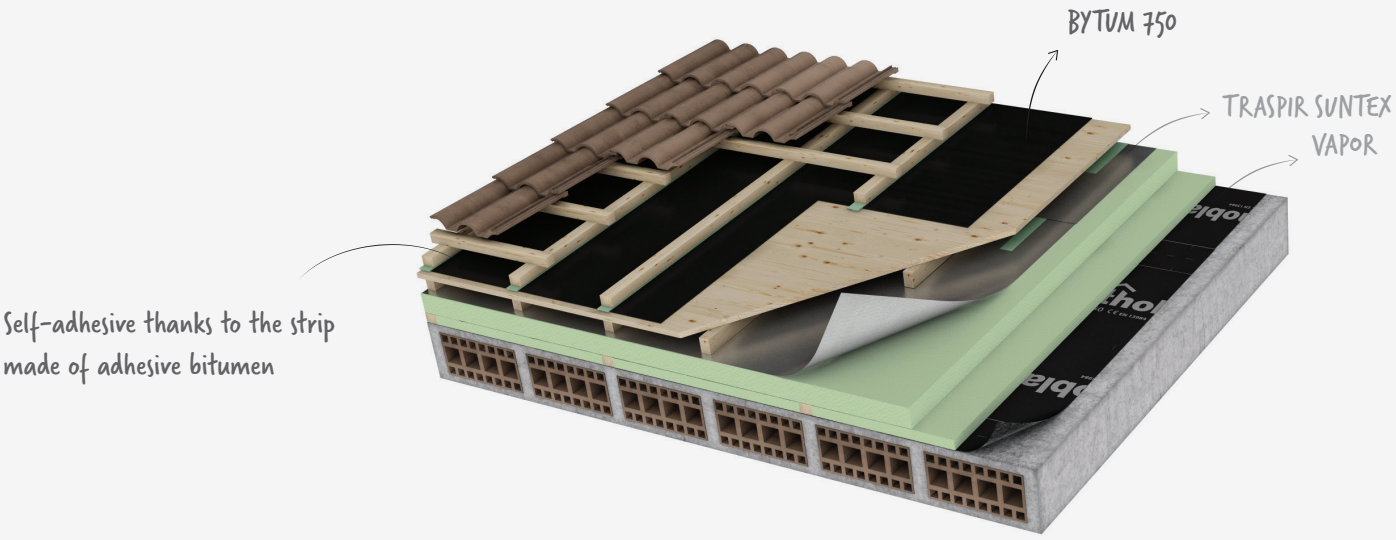
BYTUM 750

CE
EN13859-1

Bituminous underlay control layer

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

AT	DE	IT
Önorm B3661	ZVDH	UNI 11564
KV Bitumen-bahnen	E1 D0 PYP PV	P / SR2 / A

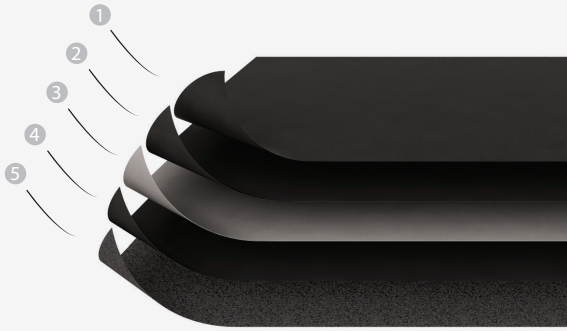


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	750 g/m^2
Thickness	EN 1849-2	0,8 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	38 m
Maximum tensile force MD/CD	EN 12311-1	460 / 370 N/50 mm
Elongation MD/CD	EN 12311-1	45 / 50 %
Resistance to tearing MD/CD	EN 12310-1	200 / 200 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	368 / 296 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	36 / 40 %
Flexibility at low temperature	EN 1109	-45 °C
Dimensional stability	EN 1107-2	-0.5 / 0.5 %
Thermal conductivity (λ)	-	0.20 W/mK
Specific heat	-	120 J/kgK
Density	-	approx. 935 kg/m^3
Water vapour resistance factor (μ)	-	approx. 47500
Recommended installation pitch	-	> 5°
Joint strength	EN 12317-2	> 250 N/50 mm

* for more indications, see page 19

COMPOSITION



1. **top layer:** non-woven polypropylene and silicone separating film
2. **compound:** bituminous mixture
3. **reinforcing layer:** PL fabric
4. **compound:** bituminous mixture
5. **bottom layer:** non-woven polypropylene and silicone separating film

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m^2]	pcs/
BYTT750	D36404	BYTUM 750 TT	TT	1.0 x 40	40	20

WHERE CAN IT BE APPLIED?