

BYTUM SLATE 3500

FLAT ROOF

CE
EN13859-1
EN13707

Self-adhesive slate coated bituminous membrane

Distilled bitumen with elastomeric polymer and slate coating

DE
ZVDH
E1 D0
PYE G

IT
UNI 11564
V / SR1 / B



Ideal for flat roofs as the final visible layer, in combination with BYTUM BASE 3000

Flexibility and workability guaranteed even at low temperatures

Self-adhesive sheath

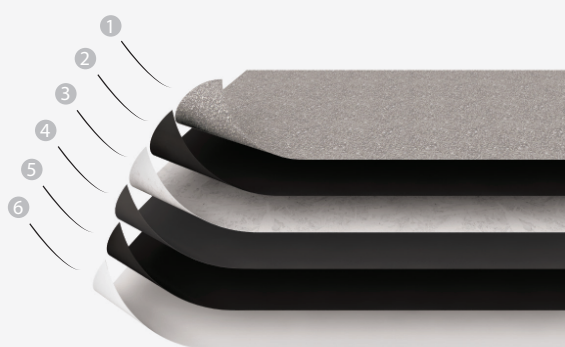
Can be used at pitches up to 5° as an underlay

Permanent UV stability

TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	approx. 3.5 kg/m ²
Thickness	EN 1849-2	approx. 3.3 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	approx. 230 m
Maximum tensile force MD/CD	EN 12311-1	400 / 300 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	-	permanent
Temperature resistance	-	-40 / +100 °C
Reaction to fire	EN 13501-1	class E
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	400 / 300 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	35 / 40 %
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. 70000
Recommended installation pitch	-	> 2°
Application temperature	-	> +5 °C
Static punching shear	EN 12730	10 kg
Dynamic punching shear	EN 12691	700 mm
External fire performance	EN 13501-5	F roof

COMPOSITION



- 1 top layer:** slate chips
- 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

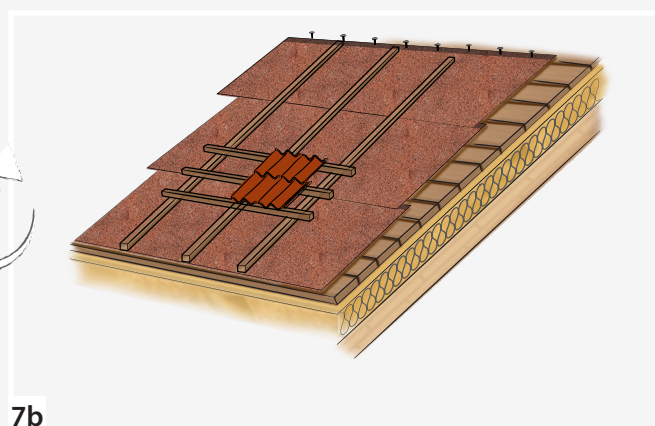
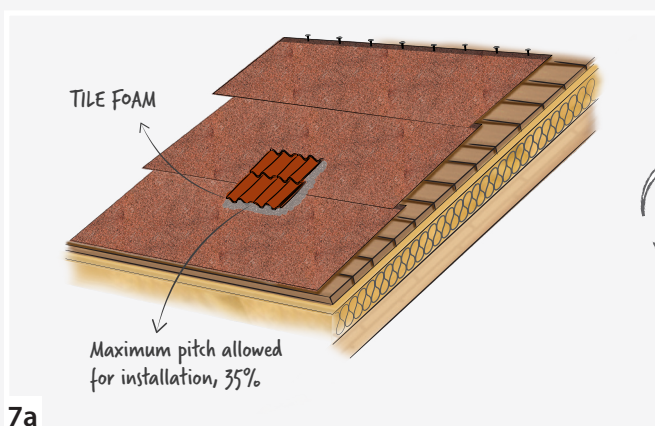
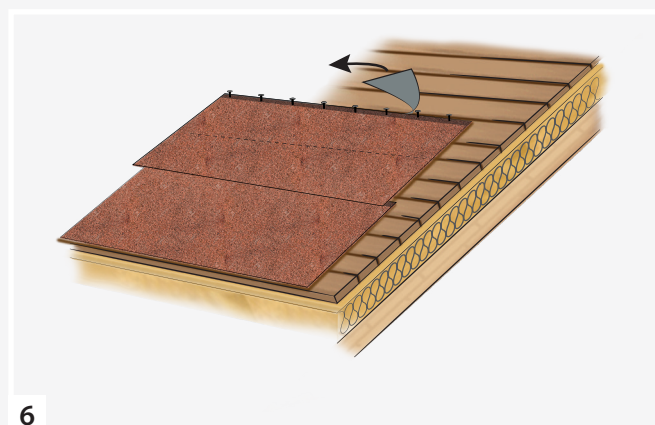
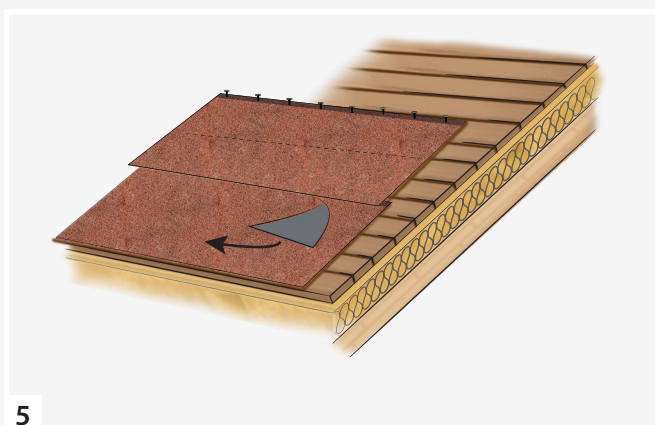
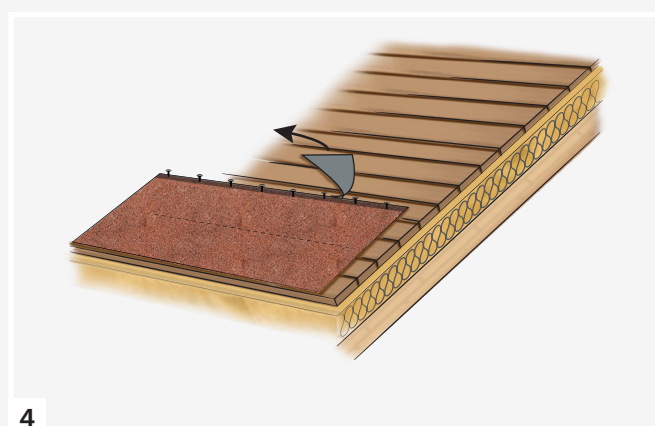
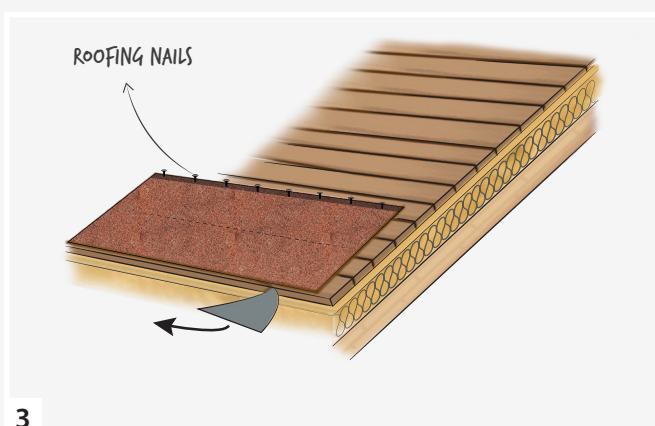
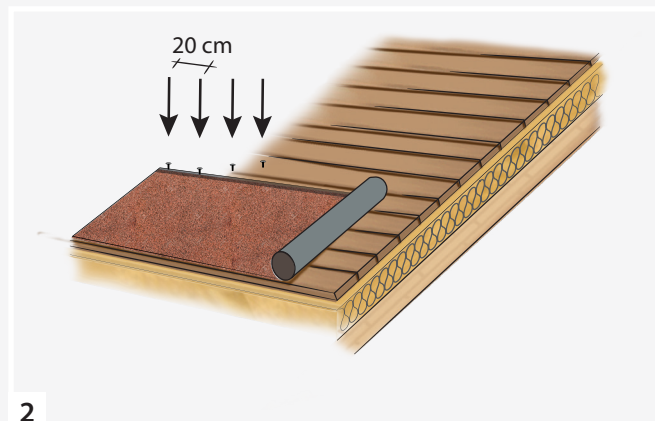
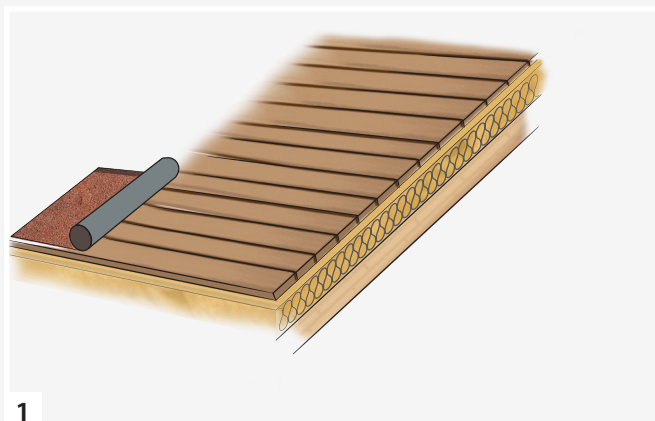
CODES AND DIMENSIONS

code	ex code	description	colour	tape	H x L [m]	A [m ²]	pcs/
BYTSGRA3500	D38242	BYTUM SLATE GRAY 3500	■	-	1.0 x 10	10	30
BYTSRED3500	D38244	BYTUM SLATE RED 3500	■	-	1.0 x 10	10	30
BYTSGRE3500	D38246	BYTUM SLATE GREEN 3500	■	-	1.0 x 10	10	30
BYTSWHI3500	-	BYTUM SLATE WHITE 3500	□	-	1,0 x 10	10	30

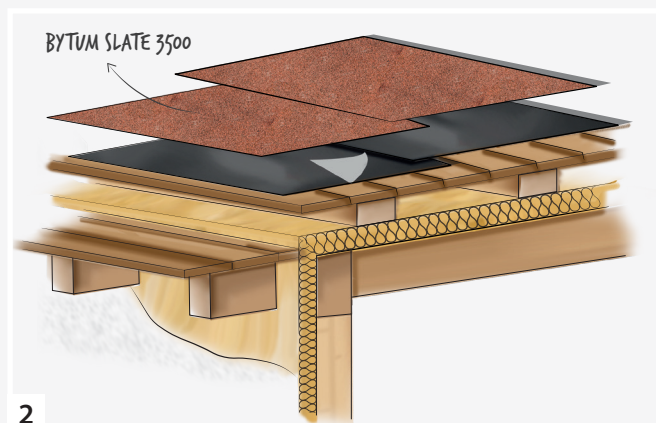
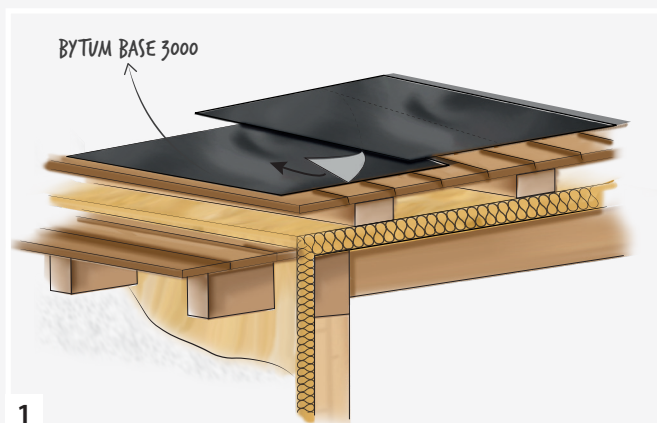
WHERE CAN IT BE APPLIED?



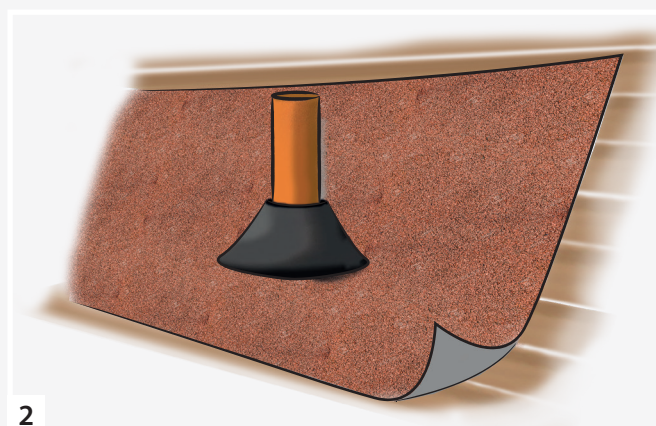
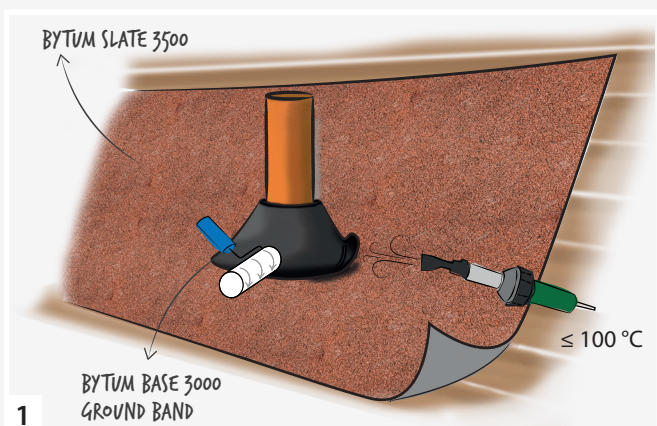
INSTALLATION INSTRUCTIONS, BYTUM SLATE 3500



INSTALLATION INSTRUCTIONS, BYTUM BASE 3000 AND BYTUM SLATE 3500 FLAT ROOF



SLEEVE SEALING WITH BYTUM BASE 3000



OVERLAPPING OF MEMBRANE HEAD BYTUM SLATE 3500

