

GROUND BAND

SELF-ADHESIVE BITUMINOUS MEMBRANE

CE
EN 13966
EN 14967
EN 13707

D
DIN 18533-2



LOW
TEMPERATURE



HIGH
ADHESION



RADON
BARRIER



METHANE
BARRIER



BITUMEN
BASED

LOW TEMPERATURES

It can be installed at temperatures from -5 °C to +30 °C thanks to the special elastoplastomeric bituminous mix. It remains flexible down to -30 °C.

SELF-SEALING AND SELF-ADHESIVE

Practical and fast installation, no flames are required, minimising risks for the wood.

SAFETY


The special elastoplastomeric bituminous mix and the cross-laminated high-density polyethylene backing film make the product completely waterproof and resistant to punching shear.



COMPOSITION

- ① release liner: silicone coated paper
- ② glue: black adhesive bituminous compound
- ③ support: high density cross-laminated PE film

CODES AND DIMENSIONS

CODE	liner [mm]	B [mm]	s [mm]	L [m]	liner [in]	B [in]	s [mil]	L [ft]	
GROUND200	30/170	200	1,5	20	1.2/6.7	7.9	59	66	2
GROUND500	30/470	500	1,5	20	1.2/18.5	19.7	59	66	1
GROUND1000	500/500	1000	1,5	20	19.7/19.7	39.4	59	66	1



PROTECTION AGAINST RADON AND METHANE

The product is tested for protection against radon and methane gas, which are harmful to health in the case of high concentrations in indoor environments.

PRE-CUT LINER

All versions are supplied with the liner pre-cut to facilitate installation in corners or complex locations, but also over large areas to avoid excessive misalignment of the layers.

TECHNICAL DATA

Properties	standard	value	USC units
Water vapour resistance factor (μ)	EN 1931	approx. 90000	approx. 675 MN-s/g
Tensile strength MD/CD	EN 12311-1	215/220 N/50 mm	-
Elongation MD/CD	EN 12311-1	310/240%	-
Impact resistance Met.A/Met.B	EN 12691	500/1000 mm	19.69/39.37 in
Static load resistance Met.A/Met.B	EN 12730	10/15 kg	350/530 oz
Resistance to tearing MD/CD	EN 12310-1	135/135 N	30.35/30.35 lbf
Watertightness	EN 1928	compliant	-
Watertightness after ageing Met.A	EN 1296/EN 1928	compliant	-
Joint separation resistance MD/CD	EN 12316-1	100 N/50 mm	11.42 lbf/in
Maximum tensile force MD/CD	EN 12317-1	350/350 N/50 mm	40/40 lbf/in
Water absorption	ASTM D 570	0,09%	-
Resistance to hydrostatic pressure (24 h)	EN 1928	> 6 bar	-
Reaction to fire	EN 13501-1	class E	-
Initial Tack +23/+5 °C	ASTM D 2979	7/5 N	1.6/1.1 lbf
Adhesion on timber	ASTM D 1000	12,5 N/10 mm	7.1 lbf/in
Adhesion on concrete at 23 °C	ASTM D 1000	3 N/mm	17.1 lbf/in
Flexibility at low temperatures	EN 1109	-30 °C	-22 °F
Resistance to temperature	-	-40/+80 °C	-40/+176 °F
Application temperature ⁽¹⁾	-	-5/+30 °C	+23/+86 °F
Storage temperature ⁽²⁾	-	+5/+40 °C	+41/+104 °F
Exposure to weather	-	3 weeks	-
Radon permeability	SP Swedish Nat. Testing & Research Institute	5,7·10 ⁻¹² m ² /s	-
Methane permeability	CSI test method	< 5 cc/m ² ·24-atm	-
VOC	ISO 16000	8 µg/m ³	-
Solvents	-	no	-

⁽¹⁾ On dry support and at a temperature > 0 °C. The absence of condensation or frost on the surface must be guaranteed.

⁽²⁾ Store the product in a cool, dry place for no more than 12 months. The rolls must be transported and stored in a vertical position. It is recommended to store the product at room temperature until application, as it is sensitive to temperature changes. We recommend applying it during the cooler hours in summer and the warmer hours in winter, possibly with the help of a hot air gun.

Waste classification (2014/955/EU): 08 04 10.



DETERMINATION OF THE RADON DIFFUSION COEFFICIENT

Radon is an invisible, odourless gas found in soil that can seep through building foundations, accumulating indoors and posing a health risk to occupants.

GROUND BAND has been tested by SP Swedish Nat. Testing & Research Institute as an effective radon gas barrier that ensures a safe and healthy environment.

Rn permeability	5,7·10 ⁻¹² (m ² /s)	
Rn transmittance	3,8·10 ⁻⁹ (m/s)	



RELATED PRODUCTS



BYTUM PRIMER
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BLACK BAND
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PRIMER SPRAY
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HAMMER STAPLER 47
page 396

RECOMMENDATIONS FOR INSTALLATION

WATERPROOFING CLT WALL ON CONCRETE KERB



1 HERON, HERON XL, HERON DGT, COSMOS, CHAMELEON, POWDER

3a BYTUM LIQUID, BYTUM SPRAY, BYTUM PRIMER

5 HAMMER STAPLER 47, HAMMER STAPLER 22, HAND STAPLER, STAPLES



8 ROLLER, HOT GUN

WATERPROOFING AND RADON PROTECTION OF FOUNDATIONS



6 ROLLER