

TEXSELF GS is a self-adhesive, elastomeric SBS bitumen-based waterproofing membrane, that acts as barrier against gases, such as methane and radon, with high density polyethylene film (PE) reinforcement bonded to 50-micra aluminium foil, an easily removable silicone film on the underside and thermofusible film on the upper side..

STANDARD

Product designed according to UNE 104241:2002 Standard as type LBA-20-AL.

PROPERTIES

* The 90-micra polyethylene film reinforcement (PE) confers an excellent combination of mechanical properties and gas and water barrier features to the membrane:

Properties of the membrane are:

- Very easy to apply: the membrane is applied rapidly, cleanly and with no need for special tools.
- Easy bonding to the substrate, after previously applying a fast-drying primer.
- Overlaps are carried out by simple contact and pressure.
- No torch is required; application of TEXSELF GS only requires a brush, cutter and rubber roller.
- Safety in application; minimum fire risk as no torching is used.
- It is a flexible membrane that easily absorbs substrate movement.

PACKAGING AND STORAGE

TEXSELF GS	
Type of reinforcement	Aluminium foil (50 µm) + E (90 µm)
Thickness (mm)	2
Dimensions (m)	15 x 1
m ² / roll	15
rolls / pallet	23
Storage	Horizontal

Maximum storage time: 6 months, protected against weathering and high temperatures.

USES

- Specially suitable in areas where there are high levels of methane gas in the subsoil (areas with decomposition of organic matter, etc.).
- TEXSELF GS also acts as a barrier against Radon gas.
- As an anti-methane barrier in cold storage chambers

INSTRUCTIONS FOR USE

- Substrate preparation: The surface where TEXSELF GS is to be applied must be firm, flat, resistant and dry, as well as free from grease, oil, dust, etc. Sharp corners and objects must be avoided.
- Priming: TEXSELF PRIMER or an EMUFAL I-type water-based primer is applied on the substrate to improve adherence.
- Application of the membrane: Remove the non-stick silicone film from the underside and place the membrane on the previously primed surface. Press the membrane against the substrate with a brush, starting at the centre and going towards the edges to prevent the formation of bubbles. Overlaps must have a width of 7 cm and are carried out by strongly pressing down with a rubber roller on the top membrane (once the silicone plastic has been removed).

TEXSELF GS must not be applied below 5°C. Depending on temperature, wind, humidity, etc., the product could require preheating.

TEXSELF GS must not be permanently exposed to weathering. The membrane must be protected against the action of the sun.

TEXSELF GS (Gas Screen)

Substrate Priming

Smooth substrates, with good superficial cohesion

Emufal I / Texself Primer

Masonry substrates: concrete/mortar

Texself Primer

TECHNICAL DATA

Membrane

Pliability (UNE-EN 1109) Does not break with bending at -20°C

Heat resistance (UNE-EN 1110) Does not drip or sag at 90°C

Tensile strength (UNE-EN 12311-1) Lengthwise 320 N/5 cm Crosswise 280 N/5 cm

Nail tearing strength (UNE-EN 12310-1) Lengthwise 120 N Crosswise 140 N

Peeling strength (ASTM D-1000) (UNE-EN 12316) 4 N/mm
Dimensional stability (UNE-EN 12311-1) Lengthwise 0% Crosswise 0%
Radon gas permeability (²²²Rn) (CSI) < 50 Bq/m³
Methane gas permeability (CH₄) (BRE) < 0.09 g/m²·day

Compound

Softening point (UNE-EN 1427) (ASTM D-36) 110°C
Penetration at 25°C (UNE-EN 1426) 70 dmm

TEXSA, S.A. reserves the right to modify the data herein without previous notice and refuses all responsibility in the event of irregularities caused by incorrect use of the product. Values reflected in the technical data sheet correspond to average values obtained from tests carried out in our laboratory.

Disclaimer:

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However the client is obliged to determine himself what products are suitable for use. Accordingly, no liability will be accepted by IBC Ltd.