

# TEXCORK dB

TEXCORK dB is an underlay membrane made of agglomerated cork and recycled rubber, for application as impact noise insulation on floors. It allows direct grip of a new ceramic flooring.

## ADVANTAGES

- Good impact noise insulation with low thickness.
- High durability.
- Compressibility under lasting load over time.
- Ecological and respectful to the environment.
- Easy to install.
- Allows direct grip of ceramic flooring.
- Can be laid over existing pavement.



## APPLICATIONS

TEXCORK dB is suitable for acoustic insulation of floors against impact noise, in refurbishment applied directly under:

- Ceramic tiles floors
- Vinyl floors

Its characteristics allow it to be used:

- Adhered with adhesive glue or polyurethane adhesive directly on concrete support.
- Receive the ceramic flooring directly with adhesive glue with single or double gluing depending on the type of tile.
- If the finishing flooring is parquet, laminated floor or parquet, it can be applied directly over the TEXCORK dB product.

## STANDARDS

- CTE-DB-HR standard, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, and EN ISO 717/1/2.
- Quality System in accordance with ISO:9001

## ACOUSTIC INSULATION

SOPREMA reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to an inappropriate use of the product. The values shown in the technical sheet are the mean values from the tests in our lab.

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## INSTALLATION GUIDELINES

- Unpack the product 24 hours before application in the place where it is going to be installed to let the product acclimatize.
- On a foundation with a certain porosity: extend on the foundation a layer of adhesive resin-cement GECOL G100 Flexible Premium, G10 Superflex or G100 Flexible Quick if fast drying is required (2h), following the application instructions of the product being applied.
- On a foundation with zero porosity: extend on the foundation a layer of adhesive GECOL Elastic PU polyurethane, following the product application instructions.
- Next, unroll TEXCORK dB, placed end to end, previously cut to the desired size, ensuring that no bubbles are formed. Press lightly on the surface with a silicone roller or a flat trowel to ensure adherence.
- Repeat the operation over the entire surface, placing the rolls end to end and sealing the joints with an adhesive tape.
- Apply on the TEXCORK dB a layer of resin-cement adhesive GECOL G100 Flexi Premium, G100 Superflex, in case the ceramic tiles to be laid have one side greater than 90 cm, or G100 Flexible Quick if fast drying is required (2h), following the application instructions of the product to apply, and place the ceramic pieces according to manufacturer's instructions. Subsequently, the joints will be sealed. with mortar for joints from the G#colour range.
- At longitudinal and transverse joints between TEXCORK dB sheets, must be installed with the adhesive strip, as a coating joint with a minimum width of 5 cm.
- In instances with vertical walls and pillars, the band to be installed is the desolarizing SELF-ADHESIVE BAND TEXFON.

## TECHNICAL DATA SHEET

TDS\_MISES0112.a.EN\_TEXCORK dB



## PRECAUTIONS

- Install the material at an internal temperature above 10 °C and a humidity less than 75%.
- The ground must be flat, level, dry, free of cracks and clean of dust and everything that may damage the product or harm the adherence.
- The humidity of the foundation must be less than 2.5% (CM)
- In case of applying the product on existing pavements, these must be well anchored and free of fats, waxes, etc...
- Never fix the product mechanically.

## PACKAGING & STORAGE

	TEXCORK dB
Weight (kg/m <sup>2</sup> )	1.95
Thickness (mm)	3
Length (m)	15
Width (m)	1
m <sup>2</sup> /roll	15
m <sup>2</sup> / pallet	210
Rolls / pallet	14
Storage	Supplied in rolls protected by a polyethylene film, arranged vertically. on pallet. store inside original packaging, inside, dry and protected from UV rays. HE recommends that in the space where products are stored does not reach temperatures below -5 °C not one Humidity greater than 75%.

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## TECHNICAL CHARACTERISTICS

CHARACTERISTICS	Test Method	TEXCORK dB	Unit
Density	-	600-700	kg/m <sup>3</sup>
Thermal conductivity	ISO 8301	0.08	W/m·K
Tensile strength	ISO 7322	> 800	kPa
Compression at 0.7 MPa	ISO 7322	15	%
Recovery after compression at 0.7 MPa	ISO 7322	> 75	%
Deflexion under loading	ISO 7322	Load 1 MPa	< 1
Thermal resistance	EN 13583	Load 2 MPa	< 1.5
Creeping (Long-term deformation under load)	ISO 8013-1998	< 0.5	%

## ACOUSTICA DATA

CHARACTERISTICS	Test Method	TEXCORK dB	Unit
Improvement of impact noise insulation $\Delta Lw$ under ceramic flooring*	ISO 10140-3:2010	15	dB

\*with ceramic tile 8-mm thick.

## ENVIRONMENTAL DATA

CHARACTERISTICS	Test Method	TEXCORK dB	Unit
Volatile organic compounds (VOC) (28 days)	ISO 16000-6:2006	27 (A+)	µg/m <sup>3</sup>
Post-consumer recycled content (%)	-	80	%



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