

Thermo Acoustic Premium

Product description

- Material** THERMO ACOUSTIC PREMIUM is a polyester and cellulose non-woven.
- Use** THERMO ACOUSTIC PREMIUM is the ideal wallcovering for thermal and acoustic insulation. It prevents cold walls, reduces condensation and saves energy. THERMO ACOUSTIC PREMIUM has a very low thermal conductivity which saves up to 16 % of energy consumption. Moreover it creates smooth and even surfaces, protects against cracks and moisture and provides a cosy living atmosphere through its breathability.

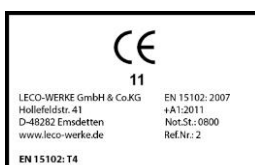
- Properties**
- thermal insulation
 - acoustic insulation
 - breathable
 - bridges cracks (hairline and fatigue cracks)
 - paintable
 - dry strippable
 - free of PVC and glass fibres
 - skin friendly

Thermal insulation: 520-125: $\lambda = 0,038$
 Acoustic insulation: $\alpha_w = 0,15$

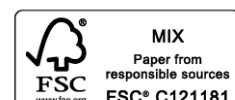
- Certificates**
- complies with CE DIN EN 15102
 - flame retardant in accordance with DIN EN 13501-1 (B.-s1, d0)
 - Standard 100 by Oeko Tex®
 - contains no allergeneous substances
 - A+ (VOC)
 - FSC® Mix

Roll size and packaging	Article	Roll size	Weight approx.	Packing unit	Rolls per pallet
	520-125	1,00 x 12,50 m	480 g/m ²	6 rolls	24 rolls

Version: 12/2021



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)



storeys

TECHNICAL DATA SHEET

Thermo Acoustic Premium

Wallcovering for thermal and acoustic insulation with an even surface

THERMO ACOUSTIC PREMIUM protects against:



Coldness



Noise

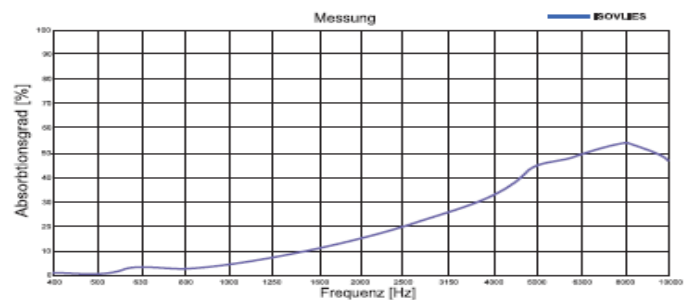


Moisture



Cracks

Absorbs up to 54% of the noise



Art.: 52000 011

Prevents cold walls, reduces condensation and saves energy. Due to its composition, THERMO ACOUSTIC PREMIUM has a low thermal conductivity:

$$520-125 : \lambda = 0,038 \text{ W/mK}$$

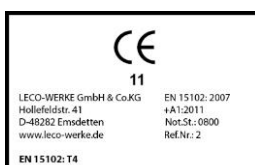
The heat transfer coefficient U [W/m²K] determines the heat requirement in a building. THERMO ACOUSTIC PREMIUM reduces the value U as follows:

Old wall (20 cm concrete + 2 cm plastered) $U = 2,62 \text{ W/m}^2\text{K}$

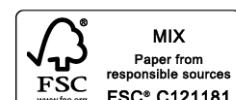
Old identical wall + THERMO ACOUSTIC PREMIUM $U = 2,19 \text{ W/m}^2\text{K}$

The energy loss is reduced by 16% due to THERMO ACOUSTIC PREMIUM.

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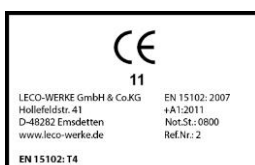


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Instructions of use

- First step** Please check product prior to hanging. Despite high quality standards irregularities in material cannot be excluded entirely. Therefore a control of the material and equal batch numbers is required. Claims after usage will not be accepted.
- Wall surface** The wall surface must be dry, clean, evenly coloured and absorbent. Old wallcoverings and non-adhesive coatings have to be removed. Cracks, joints and irregularities must be filled and smoothed. The wall has to be evenly absorbent. If necessary treat prior to hanging.
- Hanging** Use the glass fibre adhesive LECOLLE Xtra observing manufacturer's instructions. Cut wallpaper length to according height incl. 5 - 10 cm extra material. Apply glue to the wall per length evenly with a lambskin roller. Apply the wallpaper length to the wall smoothing out air bubbles with a spatula or rubber roller. Butt join following length. Trim excess. Excessive adhesive has to be removed with a damp sponge immediately.
- Painting** Once dry, the wallcovering can be used as a wall liner or can be painted with an adequate paint like dispersion, latex or acrylic paint according to DIN EN 13300. Please observe manufacturer's instructions. For further recommendations contact your local distributor.
- Note** The statements above are general recommendations. We exclude any claims based on work conditions and wall constitutions on which we do not have any influence. In case of doubt please test.

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