

KoSep.LIR

Anti-noise, thermo-reflecting, waterproof and transpiring separating layer

Anti-noise, thermo-reflecting, waterproof and transpiring separating layer.

Laid inside floor structure and composed of recycled, thermo-fastened and polyester fibre, joined to a micro-perforated pure aluminium film with two transpiring membranes, without glue.

PRODOTTO ITALIANO
MADE IN ITALY

BioEdilizia



COVERD

Applied technology of natural cork for acoustic and bioclimatic insulation
Acoustics division
Energy division

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Use

Due to its high elasticity, it is particularly used for the insulation of impact noises in floor systems. Moreover, the addition of the aluminium film, makes it suitable as anti-noise and thermo reflecting mattress, to lay under the screed in floor heating systems.

KoSep.Lir is used as:

- Anti-noise layer for civil and industrial floors
- Anti-noise and thermo reflecting layer, to lay under the screed in floor heating systems
- Sliding layer between floors with different structural movement
- Protection layer for bituminous waterproof membranes

Application

KoSep.Lir is unrolled directly on the laying surface, which must be free of roughness and dirt. KoSep.Lir is provided with a selvage of about 10cm for the overlap. In case of auto-flattened screed, it is necessary to tape the joints with the Tape.IR.

Item specification

... Anti-noise, thermo reflecting, waterproof and transpiring separating layer; available in 6mm or 10mm thickness (according to the construction need), it consists of thermo-fastened polyester fibre obtained from recycled plastic, joined to a micro-perforated pure aluminium film with two transpiring membranes, without glue ...



Tape.IR

KoSep.LIR

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Technical data sheet

Nominal thickness:	6mm	10mm
Rolls package:	28 m ²	21 m ²
Roll length:	20 mt	15 mt
Roll height:	140 cm	140 cm
Selvage:	10 cm	10 cm
Weight:	500 gr/m ²	1000 gr/m ²
Dynamic rigidity: $s' =$	28 MN/m ³	19 MN/m ³
Thermal conductivity λ: 0.037 W/m ² K		
Vapour permeability: (E-12) 0.94 Kg/smPa		
Limit temperature use: -40° + 110° C		
Reflexivity coefficient: 0,88		
Tear Resistance: 200 N/5cm (app.)		
Water resistance: excellent		



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ISO 9001



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