

# ISO ALU

Wooden floor underlayer  
for damp/wet support

*Barrier against moisture*



## LAYING OF ISO ALU



**1 et 2-** Take off the protective film covering the «butyl» adhesive and position the strip on the support



**3-** Gradually unstick the strip to fix it on the floor



**4-** Progressively pressing to avoid the formation of air bubbles



**5-** Connected to each other by overlapping on 2 to 5 cm. Raise the ISO Alu on the walls from 4 to 5 cm



**6-** Glued in full (the most common as in the image) or in cord



**7-** Installation glued in full parquet. Apply glue using a notched spatula.



**8-** The notched marks of the spatula must be perpendicular to the planks in their length.





## +PRODUCTS

- **Barrier against moisture**
- **Warranty until 10% of humidity in the support**
- **Easy installation**
- **More than 100 000 m<sup>2</sup> already layed**

### Description

Waterproofing undelayer designed to lay a glued wooden floor on damp support (plan support, rigid and of 10% of moisture). This product is composed of:

- One layer of butyle caulk cold adhesive
  - A tinted untearable aluminium complex protected from external agressions.
- The adhesive face of the butyle is protected by a silicon film. This film has to be removed before laying. Compatible with all our product excepted industrial parquet, mosaic and end grain.

### Application field

The DTU 51-2 requires less than 3% moisture of the wood for the laying of the parquet. Thereby, for a support which humidity is between 3 to 10%, the use of ISO ALU becomes mandatory. For the gluying of parquet on the aluminium face, the use of MS Polymer is imperative.

### Characteristics

Thickness	around 0,5 mm
Surface mass	around 1100 g/m <sup>2</sup>
Permeability to steam	NF T 30-018 : < 1g/m <sup>2</sup> /24h
Application temperature	+ 5 °C<T<+ 40 °C
Service temperature	- 30°C<T<+ 80 °C
Size : 1,0 m x 10 m which correspond to 10 m <sup>2</sup> rollers. Rollers weight = 11kg	

### Implementation

Supports that receive ISO ALU are :

- concrete and coating based on hydraulic binders • Aluminium • Glass • Tiling • Wood-based panels : plywood, OSB and chipboard

**Gluying of the parquet on the aluminium side should imperatively be carried out with MS polymer glue.**

Supports should be clean, dry, dust-free and rigid. In the case of friable/(brittle materials), porous or fragile surfaces/materials, stabilization should be carried out with suitable primary adherent (for example: anhydrite screed, OSB, chipboard). Initiate the separation of the protective film, position the product and take off the protective film by progressively pressing to prevent the formation of air bubbles. Iso strips should be connected to each other by overlapping on 2 to 5cm. Butyl caulks are sensible to solvents.

### Label and warranty

Fire Reaction Rating: M1, non-flammable, test by SNPE N°14647-09 (UNE 23727:1990, UNE 23721:1990, NFP 92501).

Fire rating: E, test by MPA Stuttgart (EN ISO 11925-2, EN 13501-1).

Permeability to Steam: 1,29 e-16 kg / (m.s.Pa) -  $\mu = 1,53 e+6$ , test par CSTB CPM 11/260-33839 (NF EN 1931).

Production in our factory under ISO 9001 certification.

We offer a guarantee for any damage resulting from a partial or total loss of properties of the ISO ALU, or a moisture regain of the wooden floor from the support, in the limit of <10% moisture of the support with a hygroscopic curve conformed to DTY 51-2.

Damages due to the non-respect of the essential implementation conditions are not covered by guarantee.

Excluded from the guarantee : \* Air inclusion : the product has to be layed without inclusion

### Security

Keep out of reach of children. Please refer to the ISO ALU/AD security datasheet.

### Conservation – storage

ISO ALU should be stored in a moisture-free place and at a maximum temperature of 30 °C. Storage at a temperature above 30°C may cause difficulties in removing the protective film. Use within 12 months after manufacture Keep in original packa-