



ADHESIVES FOR WOOD FLOORS



ADECON E3 PLUS


ALL-PURPOSE WATER DISPERSION ADHESIVE FOR WOOD FLOORS

Adhesive single component vinyl, specific for bonding unvarnished solid wood floors of any format on cementitious substrates or other types of absorbent substrates.

TECHNICAL CHARACTERISTICS:

- Water-based monocomponent
- High performance
- Suitable for all types of unvarnished wood floors
- Excellent spreadability
- Solvent-free

SPECIAL PROPERTIES:

	Suitable for underfloor systems
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WHERE IT CAN BE APPLIED:

- Absorbent flooring
- Traditional cementitious screeds
- Absorbent subfloors with underfloor heating systems (after the screed has been properly cured)

DO NOT USE ON:

- Non-absorbent flooring
- Anhydrite screeds (calcium sulphate)
- Screeds not protected by an appropriate vapour barrier
- Cementitious screeds with a moisture content exceeding 2%
- Cementitious screeds for underfloor heating systems with a moisture content exceeding 1.7%.



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SPECIFIC CHARACTERISTICS (normal conditions):

Colour:	Beige or Brown
Brookfield viscosity at 20 °C (mPa*s):	75,000 - 95,000
Yield (g/m ²):	900 – 1200 (g/m ²) no. 6 notched trowel (product yield may vary depending on the porosity and flatness of the surface being treated)
Usage temperature (°C):	from +10 to +25
Open time at 20 °C (minutes):	15 - 20
Ready for walking on (hours):	after 48 - 72 depending on the environmental conditions
Sanding (days):	after at least 10 (The time required for resistance to treading and the final setting time may vary according to environmental conditions and the thickness of the layer applied)
Application/Equipment:	notched trowel
Equipment cleaning:	water, before the product sets
Product removal:	water, before the product sets
Storage (months): temperature between +5 °C and +25 °C	12
Disposal information:	Dispose of in compliance with the local and national regulations in force
Packaging:	10 or 25 kg kits
Usage limitations:	The product should be allowed to reach at least 10 °C before use. Do not apply in damp environments or on subfloors without a vapour barrier. Do not use for laying pre-finished parquet flooring. Frost sensitive.

PREPARING THE SURFACE

The substrate to be treated must be compact, dry, clean, free from any loose fragments such as residues of wall paints, dust, wax or similar, and in accordance with DIN 18356. Before laying, always use suitable tools to verify the moisture level in the subfloor and the wood. The moisture level in the subfloor must be measured in depth (approx. 2-3 cm) using a carbide hygrometer in order to rule out the presence of particularly hygroscopic substances (such as pumice or vermiculite), which could release the moisture contained in them and thus cause the floor surface to swell. The moisture content must be <2% for traditional screeds and <1.7% for traditional screeds with radiant heating systems. The moisture content of the wood must be between 7 and 11%. Do not lay on screeds which are not protected from possible rising damp (always position a suitable vapour-tight sheath). On low-porosity screeds, mechanical sanding of the surface is recommended; any residual dirt, dust or loose particles must be removed the surface. Concrete subfloors must first be consolidated using our K31 primer to ensure perfect bonding of the adhesive (see technical data sheet).

APPLICATION

Apply at a temperature of between 10 °C and 25 °C, otherwise viscosity and drying times may vary significantly, with less-than-optimal results. Allow the adhesive and the wood to reach room temperature before use. Spread the mixture using a notched trowel, incorporating any powder on the subfloor. Proceed with the laying, exercising adequate pressure on the parquet to make the adhesive adhere well over the entire surface. It is recommended that wood flooring is kept at a distance of at least 8-10 mm from the walls.

In the case of laying of large tongue-and-groove planks, it is recommended to put weights above the bonded flooring to facilitate the perfect adhesion of the adhesive between the wood and cementitious substrates.

Always consult the technical and safety data sheet of the product before use.

HAZARD PICTOGRAMS:

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