

ADECON K 450 INDUSTRY

SINGLE-COMPONENT VINYL ADHESIVE FOR LAYING SUSPENDED FLOORING, SPECIFICALLY FOR THE WOOD INDUSTRY

Water-based dispersion of modified polyvinyl acetate polymer, stabilised with polyvinyl alcohol. D3 water-resistant (EN 204:2016 ; 205:2016). Suitable for the industrial production of prefabricated floors, windows, doors and furniture.



SPECIFIC CHARACTERISTICS (normal conditions):

Appearance:	Thick white liquid
Brookfield viscosity:	12000 - 18000 cPs (20 °C, #5, 20rpm)
Yield	150 +/- 10g/m ² double application.
Moisture content of wood	8% - 10%
Open time	5 minutes at 20° C.
Solid content:	51 - 53%
Density at 20°C	0.95 – 1.15 g/cm ³
pH at 20°C	2.5 – 3.5
Minimum film formation temperature	~ 5°C
Particle diameter	1.0 - 3.0 µm
Mechanical stability	Excellent
Rheological behaviour	Pseudoplastic
Class D4	To further improve adhesion, chemical/physical properties and resistance to humidity, CATALIZZATORE PER K450 can be added and mixed into the product, adding 4 – 6% of weight. This addition will ensure adhesion in accordance with D4-EN 204 specifications.
Storage: temperature of between +5°C and +25°C	6 months The product must be stored in reinforced polyester or steel containers at a temperature between +5 °C and +30 °C.
Disposal information	Dispose of in compliance with the local and national regulations in force
Packaging:	10-kg tubs 25-kg containers 120-kg drums 1000-kg plastic containers Loose in tank trucks
Usage limitations:	Do not apply in damp environments. Frost sensitive. Acclimatise the product at 20°C before applying.

PREPARING THE SURFACE

Always check moisture content using the correct equipment. The base must be stable and brought to the appropriate temperature before gluing. The surface must be absorbent and not too smooth in order not to prevent the glue from penetrating the base.

APPLICATION

Use at temperatures between +15 and +25 °C. The materials to be glued must also be acclimatised at the recommended temperatures (+15 / +25 °C).

In the case of temperatures lower than +15 °C, change the procedure (e.g. increase setting/pressing times, increase the storage times for glued materials) to achieve the desired results. It is always advisable for storage areas to have a temperature greater than 15 °C and relative humidity of 50%.

Pressing times should be assessed by operators on the basis of temperature and the type of materials used (absorption level etc.). Carry out tests beforehand when working with bases that are difficult or not very absorbent (e.g. smoothed, planed or chemically-treated materials).

ADECON K450 can also be used with hot presses. Recommended temperature 60-70 °C; maximum 80 °C.