

Technical Data Sheet

AS-5600 Wood & Parquet Adhesive



Physical Properties

Appearance:
Viscous liquid

Wet tack:
Aggressive

Flammability:
Non flammable

Colour:
White

Storage:
Store in a dry and cool place with temperature below 30 °C.

Shelf life:
12 months

Packaging:

Content	Quantity/ carton
150 gm bottle	144
500 gm bottle	24
1 kg bottle	12
4 kg pail	6

Description

ALSEAL Wood & Parquet Adhesive is a water based, non-toxic, and non-corrosive adhesive that is excellent for wood bonding application. It features quick setting, superior bonding strength and it bonds variety of porous substrates.

Features

- ◆ Ready to use
- ◆ Easy to spread
- ◆ Non-toxic
- ◆ Water-based
- ◆ High bond strength
- ◆ Fast curing
- ◆ Forms thin gapless layer when set
- ◆ Solvent-free and low odour

Applications

Ideal for parquet flooring, wood joining, furniture repair, parquet installation or repair, wooden frames.

Technical Data

Solid content	: 39%
Viscosity (Brookfield LV 4 @ 5rpm)	: 48,000 cps
Specific gravity	: 1.18 gm/ml
Lap shear strength	: 6.6 N/mm ²

Usage Instructions

Substrate Preparation

- Substrates must be dry, absorbent, level, sound, free of dust, loose particles, paint, wax, oil, rust and traces of gypsum.
- The moisture content of the screed must be lower than the maximum prescribed by the timber manufacturer.
- Check moisture throughout the entire thickness of substrates, using carbide hygrometer.
- Floating screeds over insulation or light weight (e.g. light weight concrete) and slabs on grade must be provided with a moisture barrier to prevent rising damp.
- To repair cracks in the substrate, consolidate screeds and level uneven surfaces.

Adhesive Applications

- Stir the adhesive before using. Remove the skin surface, if any.
- Apply the adhesive to the substrate with notched trowel suitable to the format.
- The open time is 30 minutes under normal temperature (10 °C to 40 °C) and humidity conditions, which must be taken into consideration when applying the adhesive.
- If skin forms on the adhesive before parquet installation, the adhesive must be removed and replaced.

Parquet Installation

- The parquet to be installed must be stored in a dry, sheltered area not subject to the vapour condensation and must be insulated from the ground.
- Check the moisture content of the timber and the ambient humidity before installation.
- Press the wood parquet firmly onto the wet adhesive to ensure good contact.
- Leave a gap of approximately 10mm width around the perimeter, columns, and any elements crossing the floor.
- Do not bond edges of wood strips together. (follow the parquet manufacturer's recommendations for installation)

Curing Time

Floors are set to light traffic after 48 hours. For parquet polishing, wait for at least 10 days to ensure that the wood has reached the proper stability and that the adhesive is completely dry.



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Consumption

Depending on the type of substrates and notched trowel selection, the adhesive consumption range from 0.6 kg to 1.0 kg / m². For laminated plank, the recommended adhesive coverage is at least 80 %. For solid wood, minimum 95 % adhesive coverage is required.

Limitation

Not recommended for the following applications:

- ◆ Use in very cold areas. In cold weather, rooms must be heated.
- ◆ Use on anhydrite or magnesium screed.
- ◆ Use on screeds where there may be possible rising damp (must insert a moisture barrier between ground and the screed).
- ◆ Use if the screed is not dry and has a moisture content higher than recommended by the wood manufacturer (check moisture content throughout the entire thickness).

Caution

Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

Disclaimer

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.