



WOOD H180 CLASSIC-P

HYBRID ADHESIVE FOR WOOD FLOORING

TECHNICAL SHEET NO: TDS02134 21/03/2024

SMART ADVANTAGES

- Bonds both solid & engineered wood flooring
- Excellent early grab formulation
- Very low emissions

DESCRIPTION

Bostik WOOD H180 CLASSIC-P is a high performance, permanently elastic single component hybrid adhesive for surface bonding of solid wood types, wood block, wood mosaic panels and strip parquet flooring up to 180mm wide, and engineered wood flooring up to 300mm.

It can be used for bonding onto concrete, wood, metal decking, and anhydrite screed.

It is suitable for use with warm water underfloor heating systems, provided a surface temperature of +27°C is not exceeded.



TECHNICAL CHARACTERISTICS

Colour	Beige
Form	Medium viscosity paste
Specific gravity	1.4 to 1.6 approx.
Composition	Hybrid polymer based
Application temperature	+10°C to +27°C
Application consumption	TKB-B3 800 to 900g/m ² TKB-B11 1000 to 1200g/m ²
Open times	Up to 40 minutes (depending on ambient temperature and humidity)
Drying times	Foot traffic: approx. 24 hours Sanding and varnishing: approx. 48 hours (depending on ambient temperature and humidity)
VOC emissions	Very low emissions EC1

COVERAGE

- Up to 15m² per 14kg bucket
(depending on the trowel size and substrate absorbency)

APPLICATION

IMPORTANT: Before using Bostik WOOD H180 CLASSIC-P, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

All phases of the application should comply with the current editions of:

- BS 8102 Code of practice for protection of below ground structures against water ingress.
- BS 8201 Code of practice for installation of flooring of wood and wood-based panels.
- BS 8204 Code of Practice for screeds, bases and in-situ floorings.

Ensure the correct PPE is worn during use.

PREPARATION

- Ensure the subfloor is clean, sound and dry (<75%RH), of adequate tensile & compressive strength, free from laitance, cracks, structural defects and contaminants that may prevent adhesion (e.g., dust, oil, grease, paint, plaster, polish, some curing compounds, surface hardeners, additives and adhesive residues must be completely removed), and conforms to BS 8204 code of practice.
- The subfloor should be tested in accordance with British Standards using a calibrated hygrometer.
- A reading of 75%RH or less confirms that the subfloor is satisfactorily dry. Where this has not been attained, it is necessary to apply a Bostik HYTEC moisture control barrier or surface DPM to suppress residual moisture. For further information, contact Technical Services.
- Ensure the timber is acclimatised in accordance with the manufacturer's instructions, in the environment in which it is to be laid.
- If any areas of the subfloor require localised repairs, use Bostik Rapid Repair Mortar.
- For subfloors that are not sufficiently smooth, or require height build up to receive the particular floor covering being bonded, an application of a suitable Bostik smoothing compound and primer system is recommended. Please consult Technical Services for advice on specific products and subfloors.
- Before applying adhesive, ensure the substrate is dry and dust free.

UNDERFLOOR HEATING

- Bostik WOOD H180 CLASSIC-P can be used on substrates containing warm water underfloor heating systems. The system must be switched off 48 hours prior to, during and for 48 hours post application. To prevent rapid dehydration, wait 48 hours after installation before gradually turning up underfloor heating.
- For electrical radiant underfloor heating systems, please contact Technical Services.

APPLICATION

- Ensure full (100%) contact is achieved between wood and adhesive. Spread the adhesive with a sweeping motion at a 60° angle with a suitable notched trowel over the floor.
- Place the floorcovering into the adhesive while it is still wet. Only apply enough adhesive to work within 40 minutes.

- Press firmly into the adhesive to ensure full contact. Use heavy objects, if required, to hold the wood firmly in place during the curing time.
- The bonded wood should take foot traffic after 24 hours. Leave bonded wood 48 hours before sanding and varnishing.

CLEANING

- Clean tools and equipment with white spirit immediately after use.
- Remove excess adhesive immediately by scraping method, then cleaning with a cloth dampened with white spirit (always test for colourfastness on small trial area first). Cured adhesive can be peeled off the surface. Do not use water as a cleaning agent.

STORAGE

- Store and transport securely in an upright position. Ensure the lid is fully closed. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +10°C to +25°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik WOOD H180 CLASSIC-P, available at www.bostik.com/uk.

PACKAGING

Product codes	30616178	14kg bucket (2 x 7kg pouches)
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