

DS-200



Waterproof and flexible adhesive for hardwood floors



■ PROPERTIES

Powerful and flexible adhesive in paste form, that is ready for use.

It provides powerful grip to absorbent, or not, sound substrates even without primer. It maintains its original flexibility, thus ensuring the unbreakable bonding on floors that are subjected to vibrations as well as expansions and contractions.

Its special formula reduces impact-related noises. Classified D3/D4 per EN 204/205.

■ ADVANTAGES

- Excellent workability.
- Powerful bonding, without wood strips and nails.
- Great resistance to moisture and temperatures.
- Resistance to ageing.
- Odorless, and solvent-free.
- Extended storing duration over time when compared to polyurethane-based adhesives.

■ APPLICATIONS

DUROSTICK DS-200 is suitable for bonding all types of hardwood floors on concrete, mosaic and ceramic tiles, marble as well as primed or galvanized sheet

metal and MDF. Ideal for bonding wood skirting boards and large wood planks of varying hardnesses. It is recommended for use with underfloor heating floor systems.

■ USE

1. Surface preparation

The substrate must be sanded and thoroughly cleaned with a power vacuum cleaner. It must also be free from oils and loose materials.

Increase the grip on shiny substrates (glazed tiles) by using DS-260 quartz primer for wood and metals. Level and smooth out all cement screeds (where necessary), using the fast-setting and self levelling cement mortar DUROSTICK D-65 (1-10mm / coat) or D-64 (3-30mm / coat).

If the application is on a ground floor level in which rising damp is suspected, it is highly recommended to coat the substrate with three successive coats of HYDROSTOP FLOOR or D-1 of DUROSTICK.

Prior to this application, it is required to thoroughly soak the surface with ACRYLIC EMULSION or D-20 at a mixing ratio of 1 part emulsion to 2 parts water.

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2. Application

Using a notched trowel, spread the adhesive evenly on the properly prepared substrate.

Apply as much adhesive as required to work for the next 10 minutes, depending on the ambient conditions.

Install each section of the wood flooring by applying pressure on each piece enough so that the underside of the wood is completely covered with the adhesive.

Use a hammer and a tapping block to join the sections of the wood flooring as you progress.

For floating floor applications, apply the adhesive into the tongue and groove joints of the flooring sections and press them together.

Clean any adhesive residues immediately.

Allow for an opening of 8-12mm opening between the wall and the wood floor (expansion joint).

It is recommended to seal the openings using DUROWOOD DS POLYMER cartridges, available in 10 selected wood colors.

■ LIMITATION OF USE

- The product is not suitable for wood installations over non-porous materials, such as polished marble or tile, unless they are properly prepared.
- It is not suitable for installing beech and maple wood as well as bamboo.
- It is not recommended to use the adhesive when the temperature is below +8°C. While the adhesive is still fresh, the temperature should not drop below + 4°C.

■ CLEANING

Remove any excess glue immediately with a damp sponge. Clean all tools and hands with warm water.

■ CONSUMPTION

0.7-0.9kg/m² when applied using a B3 or a B6 notched trowel. The consumption depends on the substrate and the type of the wood floor. For bonding long or wide planks or to bond on uneven substrates, use a trowel with bigger notches.

■ STORAGE

Store in closed containers under normal storage conditions, protected from frost, for 18 months from production date.

■ SAFETY DIRECTIONS

The product needs no hazard labeling based on current European and National legislation.

However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

■ PACKAGING

14kg container.

TECHNICAL SPECIFICATIONS

(Measurement conditions 23°C and 50% R.H.)

■ Form - Color	Thixotropic paste - Beige
■ Resin	Acrylic-based polymer
■ Density	1.35±0.05kg/lit
■ Viscosity	160000±15000 cP (spindle 7/20 rpm)
■ Solids by weight	70-75% w/w
■ pH	6.8±0.5
■ Application temperature	From +10°C to +30°C
■ Temperature resistance	From -30°C to +100°C
■ Foot traffic	After 24-48 hours
■ Workability	Approximately 10 minutes
■ Flexibility	Excellent
■ Approvals/standards	Wood adhesive for floors per DIN 281 Meets the requirements for EN 204/205 category D3/D4

MECHANICAL STRENGTHS

■ Adhesion strength after 7 days	> 10.0 N/mm ² (per EN 204/205)
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