

MS POWERGLUE DECK



Powerful and flexible glue for wood floors



■ PROPERTIES

Powerful, ready to use, one-component adhesive, suitable for installing wood floors. Distinguished for its powerful grip to absorbent or not substrates, high adhesive strength and flexibility. Based on silane terminated polymer, it polymerizes with moisture from both the substrate and the atmosphere, resulting in a cohesive product. Ensures unbreakable adhesion to floors that are subjected to vibration, expansions and contractions, and is resistant to moisture and ageing.

■ ADVANTAGES

- Excellent bonding strength without wood strips and nails.
- Easy application.
- Easy cleaning from wood surfaces.
- Durable against temperature variations (from -40°C to +90°C).
- Sound insulation properties (reduction of impact noise).
- Permanent flexibility (shock absorption).
- Does not contain water or solvents and does not cause wood swelling.
- Polymerization speed.

- Variety of installations on different types of substrates.
- Paintable.

■ APPLICATIONS

MS POWERGLUE DECK is suitable for bonding and installing all types of hardwood floors (solid, laminate, etc.), as well as small and large size wood boards on cementitious floors, wood floors, ceramic tiles, marble, mosaic, metal surfaces, etc. Ideal for underfloor heating systems and for installing prefinished wood floors. In addition, suitable for installing TEAK or IROCO wood lining onto GEL COAT boat coatings.

■ USE

1. Surface preparation

Application surfaces must be dry, sound, compact, flat, and free of dust, loose materials, oils, fats, and paint. For cementitious surfaces, the application of the micromolar stabilizer AQUAFIX as primer is recommended, for the stabilization and strengthening of the substrate. When applying the adhesive on floors with problems or suspicion of rising damp, it is recommended to waterproof the

The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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substrate with the flexible waterproofing mortar D-1 FLEX of DUROSTICK. In the case of installations over underfloor heating systems. The underfloor heating system must be in operation for two weeks before the application of the adhesive. Boat gel coat surfaces must be free of dust, fats, oils, and grease and they need to be thoroughly cleaned before applying MS POWERGLUE DECK.

2. Application

On a properly prepared substrate, apply the adhesive with a notched trowel for wood glues (usually smaller notch size). Apply only as much adhesive as needed to work for approximately 15 minutes, depending on the weather conditions. Install the wood floor by pressing firmly on the adhesive, so that the underside of the wood is completely covered with the adhesive. The adhesive sets in 24 hours and it completely cures after 2-3 days.

■ NOTES

- The viscosity of the adhesive varies with temperature. At low temperatures, the adhesive gets thicker and vice versa.
- The setting time and its pot life depend on the environmental conditions. During the summer months, the adhesive hardens quickly, while during the winter it takes more time.
- Wood moisture must be within the recommended limits.
- The moisture of the substrate must be within the suggested limits for wood floor installations.
- If the wood floor requires finishing, it can be done after about 24 hours from the installation completion, depending on the ambient temperature.

■ CONSUMPTION

1.4-1.6kg/m², depending on the notch size of the trowel and the roughness of the substrate.

■ STORAGE

Store in dry places, in the factory sealed container, for 12 months from production date.

■ SAFETY DIRECTIONS

The product needs no hazard labeling under current European and national legislation. However, it is recommended to keep away from the reach children. If swallowed, seek immediate medical advice and show the container or label.

■ PACKAGING

12kg plastic container (two aluminum bags of 6kg each one).

| TECHNICAL SPECIFICATIONS | |
|----------------------------------|----------------------------|
| ■ Form - Color | Creamy paste - Black |
| ■ Bulk density | 1.65±0.05kg/lt |
| ■ Application temperature | From +10°C to +35°C |
| ■ Composition | Silane terminated polymers |
| ■ Skin formation time | 45 minutes |
| ■ Curing rate | 3mm/24hrs (23°C, 50% R.H.) |
| ■ SHORE A hardness | 65±5 |
| ■ Tensile strength (ISO 8339) | 1.5 N/mm ² |
| ■ Elongation at break (ISO 8339) | 300% |

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