

# 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 strong adhesion to absorbent or non-absorbent substrates, high adhesive strength and flexibility. Based on silyl terminated polymer, it polymerizes with the substrate and atmospheric moisture and becomes 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 beams and nails.
- Easy application.
- Easy cleaning from the wood surfaces.
- Resistance to 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 the swelling of the wood.
- Polymerization speed.
- Multitude of bonding applications on different types of substrates.
- Can be painted.

## ■ 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 radiant floor 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, grease, and paint. For cementitious surfaces, the application of the micromolar primer AQUAFIX 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 seal the substrate with flexible waterproofing mortar D-1 FLEX of DUROSTICK.

In the case of installations over radiant floor heating systems, the system must be in operation for two weeks.

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.

# MS POWERGLUE DECK



Powerful and flexible glue for wood floors

## 2. Application

On a properly prepared substrate, 'comb' 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 bottom side is completely coated. 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.
- The moisture of the wood must be within the recommended limits.
- The moisture of the substrate must be within the suggested limits for wood floor installations.
- If polishing of the wood floor is required, it can be done after about 24 hours from the installation completion, depending on the ambient temperature.

### ■ CONSUMPTION

1.4-1.6kg/m<sup>2</sup>, depending on the notch size of the trowel and the roughness of the substrate.  
ΑΠΟΘΗΚΕΥΣΗ 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 6kg bags)

## TECHNICAL SPECIFICATIONS

■ Form	Creamy paste
■ Bulk density	1,65±0,05kg/lt
■ Application temperature	from +10°C to +35°C
■ Composition	Silyl terminated polymer
■ 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 <sup>2</sup>
■ Elongation at break (ISO 8339)	300%

### DUROSTICK A.B.E.E.

ΒΙΟΜΗΧΑΝΙΑ ΣΥΓΚΟΛΛΗΤΙΚΩΝ ΥΛΩΝ,  
ΧΡΩΜΑΤΩΝ & ΚΟΝΙΑΜΑΤΩΝ

**ΑΘΗΝΑ:** ΑΣΠΡΟΠΥΡΓΟΣ ΑΤΤΙΚΗΣ, ΤΚ 193 00,

Τηλ.: 211 60 03 500-599, 210 55 16 500, 210 55 98 350

Φαξ: 210 55 99 612

**ΘΕΣΣΑΛΟΝΙΚΗ:** ΒΙ.ΠΕ. Θ. - ΣΙΝΔΟΣ, Ο.Τ. 44

ΟΔΟΣ ΔΑ 10, ΤΚ 570 22

Τηλ.: 2310 795 797, 2310 797 365

Φαξ: 2310 797 367

Email: [info@durostick.gr](mailto:info@durostick.gr)