

Technical Data Sheet

Date of compilation: 02/07/2021

MS-11 WOOD FLOOR ADHESIVE

DESCRIPTION

MS-11 Wood Floor Adhesive is a flexible, solvent and water free, one component wood floor adhesive. It is suitable for all types of wood flooring including parquet, woodblock, wood mosaic panels, engineered, laminate and solid wood planks and strips. MS-11 Wood Floor Adhesive is suitable for use on most common substrates including sand/cement screed, stone, metal and timber. It is also suitable for use with most underfloor heating systems and can be used both internally and externally.



PROPERTIES

- Interior and exterior use, can be used in moist areas.
- High quality paste glue, one side application, non sag and correctable.
- Solvent and water free.
- Durable elastic, sound proofing and anti vibrations.
- Free of isocyanates.
- Flexible with high bond strength.

PREPARATION

Subfloor must be flat, sound, clean and free from contaminants which may hinder adhesion including dust, paint, varnish, polish, old adhesive residues, etc. Existing wooden subfloors must have an intact base DPM. Concrete floors and screeds must be thoroughly dry before proceeding. Smooth surfaces like anhydrite should be roughened and the top layer disposed. Very porous surfaces should be primed with Arc Tilers Primer.

APPLICATION

Application temperature +5°C to +35°C. Using a notched trowel, spread the adhesive with a sweeping motion and place the wood into the adhesive immediately pushing firmly. Open time is about 20 minutes. Best adhesion will be achieved when the layer of adhesive is a minimum of 2mm thick after pressing. Where necessary use heavy objects to hold the wood firmly in place during curing time. The floor can take foot traffic after 6-8 hours and can be sanded and varnished after 48 hours. All times will be affected by site conditions and temperatures.

This glue needs moisture for curing - low humidity slows down the curing. Substrates which are free of moisture or where there is low humidity (for example in the winter), have to be moistened. During application the temperature of the substrate, glue, parquet and the

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area have to be the same. During cold weather, the glue and the parquet should be brought to room temperature.

TECHNICAL DATA

Base		MSP
Density		1.5g/ml
Skin Formation/Open Time	@23°C/55%RV	20 minutes
Correction Time	@23°C/55%RV	10 minutes
Coverage		0.9-1.4m ² /kg
Temperature Resistance After Curing		-40°C to +100°C
Mechanical Properties		2mm film
Shore-A hardness	DIN 53505	48 units
Modulus 100%	DIN 53504	1.10MPa
Tensile Strength	DIN 53504	1.40MPa
Shear Strength(wood/wood)	EN 14293	1.50N/mm ²
Elongation on break	DIN 53504	250%

SHELF LIFE

In closed original packing, stored on a cool and dry place, between +5°C and +25°C up to 12 months after production date. Frost resistant.

HEALTH & SAFETY

Avoid prolonged contact with skin. In case uncured material gets into the eyes, flush with water and consult a doctor. Material Safety Data Sheet available on request.

NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.