

OSMOUK MS TRADE

TECHNICAL DATA

Date of issue: 22/08/2018

Version: 2.0

OSMOUK MS TRADE

OSMOUK MS Trade is a single-component, universal elastic flooring adhesive based on hybrid technology. Thanks to its hybrid technology, it is free from solvents, isocyanates, and water. It is suitable for strips, mosaic parquet, plank floors, and wood block floors on both porous and non-porous substrates.

FEATURES & BENEFITS

- Ready to use: no mixing required
- Provides high quality indoor air: non-toxic, eco-friendly
- Form stable peaks when applied by a notched trowel
- Suitable for underfloor heating systems
- Permanently flexible
- Rapid build-up of final bonding strength
- Free from solvents, isocyanates, and water

APPLICATION AREAS

Suitable for bonding various types of flooring, including strips, mosaic parquet, plank floors, and wood block floors, on both porous and non-porous substrates.

INSTRUCTIONS

- Ensure the surface is dry, clean, smooth, and free from dust before application.
- Open the pail and cut the aluminium foil bag.
- Do not dilute the adhesive under any circumstances.
- To ensure optimal application, the adhesive temperature should be at least 15°C.
- Apply the adhesive with the recommended trowel.
- Working time is approximately 30 minutes at 23°C and 50% relative humidity (R.H.).
- The adhesive cures with humidity; therefore, adequate air humidity is necessary to ensure proper drying.
- Once opened, the product inside the foil bag must be used within a short time.
- Clean the adhesive with a cloth while it is still wet. Once hardened, it can only be removed mechanically.
- Parquet flooring can be walked on after 24 hours.
- Follow the wood flooring manufacturer's guidelines for any special precautions during installation.
- Ensure the floor is level, with at least 80% of the adhesive in contact with the boards.

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COVERAGE

- Up to 1.2kg/m²

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The VOC requirements for class A+

RESTRICTIONS

- Do not lay flooring on the adhesive if a skin has formed.
- Do not apply on frozen surfaces or standing water.
- Do not use on wet, contaminated or friable substrates.

STORAGE AND SHELF LIFE

- Store in a cool, dry place with sealed packaging.
- Shelf life is 12 months when stored between 5°C – 25°C in unopened packaging.

SAFETY AND DISPOSAL

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Safety Data Sheet, which contains physical, ecological, toxicological and other safety-related data.

PROPERTIES

Chemical Base:	Hybrid Polymer
Curing System:	Moisture
Density:	1.46 ± 0.003 g/ml
Appearance/Colour:	Homogeneous paste/Beige
Skin formation time:	40±10 (23°C, 50%R.H.)
Curing Rate:	Min. 2.5 mm/day (23 °C, 50%R.H.)
Sagging (ISO 7390):	None
Shore a Hardness (ISO 868):	40 – 50
Elongation at Break % (ISO 37):	Min. 150%
Volume Loss (EN ISO 10563):	< 3%
Tensile Strength (ISO 37):	Min. 1,5 N/mm ²