

# OSMOUK MS ADVANCE

## Technical Data

Date of issue: 22/8/2018

Version:2.0

# OSMOUK MS ADVANCE

OSMOUK MS Advance is a single component universal elastic flooring adhesive based on hybrid technology. Thanks to hybrid technology it is solvent, isocyanate and water free. It provides exceptional performance on ~~strips and mosaic parquet, plank floors and wood block floors on 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 under-floor heating systems
- ★ Permanently flexible
- ★ Rapid build up of final bonding strength
- ★ Solvent, isocyanate and water free

## APPLICATION AREAS

- ★ Suitable for bonding many different types of floors including strips and mosaic parquet, plank floors and wood block floors on porous and non-porous substrates.

## INSTRUCTIONS

- ★ Before the application, be sure that the surface is dry, clean, smooth and free from dust and irregularities.
- ★ Open the pail and cut the aluminium foil bag.
- ★ Do not dilute the adhesive in any manner.
- ★ In order to ensure good processing properties, the minimum temperature of the adhesive should be at least 15 °C.
- ★ Apply the adhesive with the recommended trowel.
- ★ Working time is around 30 min. at 23 °C, 50% R.H.
- ★ The adhesive cures with humidity therefore in order to ensure proper drying, adequate air humidity is necessary.
- ★ Once opened the product inside the foil bag must be used up in a short time.
- ★ Clean the adhesive with a cloth if the adhesive is still wet. Once it has hardened, it can be cleaned mechanically.
- ★ Walking on parquet can be done after 24 hours.
- ★ Follow wood flooring manufacturer's guidelines for special precautions during installation.
- ★ Please make sure that the floor is level and that at least 80% of the adhesive is in contact with the board.

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### COVERAGE

- ★ Up to 1.5 M2 per KG

### STANDARDS

Meets or exceeds the requirements of the following specifications:

- ★ The VOC requirements for class A+

### RESTRICTIONS;

- ★ Do not set flooring on the adhesive if the 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;

- ★ Keep in a dry and cool place in sealed packaging.
- ★ Shelf life is 12 months if stored between 5 °C to 25 °C in unopened package.

### SAFETY & DISPOSAL

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

### PROPERTIES

Chemical Base	: Hybrid Polymer
Curing System	: Moisture
Density	: 1.46 ± 0.003 g/ml
Appearance/Color	: 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 <sup>2</sup>