

M730 CARPET TILE ADHESIVE



Technical Data Sheet

PRODUCT DESCRIPTION

M730 Carpet Tile Adhesive is a high-performance, water-based adhesive with excellent pressure-sensitive properties. It is suitable for indoor installation and adhesion of various types of carpets, ensuring secure bonding for carpets and carpet tiles with PVC, PU, Polyolefin, and modified asphalt backings. M730 has excellent long-term bond retention which allows easy maintenance or replacement of carpet tiles. It is environmentally friendly and has minimal odor. M730 can be and is often applied with a roller.



FEATURES

- Environmentally friendly and extremely low odor
- Strong initial tack with stable adhesion
- Compatible with various carpet types for installation
- Releasable bond of ease of carpet tile replacement
- Minimal VOC and free of formaldehyde

SUITABLE SUBSTRATES

- Compatible with porous, absorbent, solid, dry, smooth, crack-free, grease-free, and wax-free flooring surfaces.
- Suitable for cement-based self-leveling layers.
- Ideal for raised wooden floors, plywood underlayers, and particleboard substrates.
- Can be applied to non-absorbent surfaces; however, ensure the adhesive turns clear and dry-to-touch before installing the flooring.

SUBSTRATE PREPARATION

1. Remove oil stains, wax, or release agents using an appropriate wax remover.
2. For loose and sandy absorbent substrates, use M318 Water-Based Primer, M350 General Primer or M139 Water-Based Reinforcer.
3. Uneven substrates should be leveled with MORIENT self-leveling compound (minimum leveling thickness: 2mm).
4. Treat moist substrates with M190 Epoxy Reinforcement Moistureproof Membrane.
5. Repair non-structural cracks with M190 Epoxy Reinforcement Moistureproof Membrane, M210 Ultra-Light Prep, or M220 Rapid Repair Mortar.

APPLICATION METHOD

1. Stir thoroughly before use.
2. Use a roller or an A2/A3 notched trowel to apply the adhesive evenly over the substrate; consumption will vary across methods.
3. Depending on ambient temperature and humidity, allow approximately 15 minutes for the adhesive film to turn transparent before laying the flooring.
4. Press the flooring firmly with a cork push board, then roll over the installed flooring with a 50kg roller for optimal adhesion.
5. Any dilution requirements must be discussed with Morient technical staff before installation.

PRODUCT DATA

Color	White
Density	1.05 kg/L
PH	7-8
Packaging	20 kg/pail
Consumption	70-90 g/m ² (Roller) 150-180 g/m ² (A2/A3)
Solid Content	>48%
Tack Time (Wait Time)	15-20 min (Permanent) 45-60 min (Releasable)
Open Time (Work Time)	20-30 min (Permanent) Up to 12 hrs (Releasable)
Flammability	Nonflammable
Free Formaldehyde (GB50325-2020)	0 g/L
TVOC (GB33372-2020)	<10 g/L

Notes: Product technical performance will vary according to jobsite conditions, including subfloor porosity and ambient temperature & humidity.

PRECAUTIONS

1. If the application temperature is below 15°C or the ambient relative humidity exceeds 75%, consult the technical team for guidance. Generally, M730 performs well under these conditions as long as no visible moisture is present on the substrate; however, the adhesive wait time may be extended. Technical consultation is recommended.
2. Do not dispose of adhesive in drains or sewers.
3. Seal unused adhesive properly.
4. Clean tools with water.
5. Follow the flooring manufacturer's guidelines for installation precautions.

PACKAGING AND STORAGE

- Available in 20 kg plastic pail.
- Shelf life is at least 24 months from production date if stored unopened in a cool, dry indoor environment, protected from moisture; avoid freezing and thawing

SAFETY INFORMATION

PLEASE READ THE SAFETY DATA SHEET THOROUGHLY PRIOR TO APPLYING THE PRODUCT

Ensure suitable PPE (Personal Protective Equipment) such as protective gloves, respiratory, face, skin and eye protection are worn at all times while handling this product. Avoid breathing dust, fumes, gas, mist, vapors or spray. Avoid contact with eyes and skin. If this product comes in contact with skin, rinse with soap and plenty of water. If the product comes in contact with eyes, wash out immediately with water. Ensure adequate ventilation during mixing and application. Wash contaminated clothing before reuse. Keep out of the reach of children. Call a doctor if you feel unwell. Safety Data Sheet (SDS) is available on request.

TECHNICAL SERVICES

Adhere to all product limitations, and if unsure about a particular application, contact Morient Mortar at:

USA: (908) 809-5672

International: (0086) 400-878-0800

Email: info@msyh.com.cn