



959HM High Moisture Adhesive

Product Specification

DESCRIPTION

- Tarkett 959HM High Moisture Adhesive is specifically formulated for the installation of:
 - iD Latitude
 - Event+
 - Contour Collections
 - Even Plane
- Tarkett 959HM High Moisture Adhesive is a solvent-free, acrylic adhesive.
- High strength adhesive made for installations over porous and non-porous substrates.
- Single component that requires no mixing.

MANUFACTURER:

Tarkett North America
30000 Aurora Rd.
Solon, OH 44139
Phone: (800) 899-8916
Web: www.tarkett.com
Email: info@tarkett.com



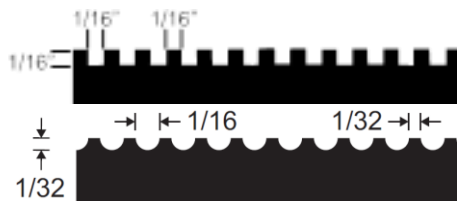
PACKAGING INFORMATION

For availability and cost, contact authorized Tarkett distributors or retailers nationwide.

- Four Gallon
 - SKU: 297038082
 - Units per Carton: 1
 - Units per Pallet: 49
 - Weight per Unit: 36.7 lbs. (16.6 kg)
 - Weight per Pallet: 1806.6 lbs. (819.5 kg)

COVERAGE:

Porosity/absorbency shall be determined by following ASTM F3191.



- **Porous** – 1/16x1/16x1/16 Square-notch trowel – 125-150 ft² (11.6-16.7 m²) per gallon

- **Non-Porous** – 1/16x1/32x1/32 U-notch trowel – 250-300 ft² (20.4-24.1 m²) per gallon

ENVIRONMENTAL SUSTAINABILITY

Refer to Tarkett Ecomedes at <https://tarkett.ecomedes.com/> for complete information on current certifications

- Certified a Non-Hazardous substance or mixture according to OSHA 29 CFR 1910.1200 and Hazardous Products Regulation (HRP) (SOR/2015-17)
- FloorScore Certified
- **SCAQMD Rule 1168** VOC content: (0 g per L)

TECHNICAL DATA:

- Base – Acrylic Polymer
- Color – White
- Consistency – Trowelable Paste
- Open Time – allow to become dry to the touch with little transfer to finger, time will depend on site conditions (See 4.2. below)
- Working Time – Up to 2 hours
- Shelf Life – 2 years at 65°F (18°C) to 85°F (30°C) and when stored in unopened, original container in a fully enclosed, climate-controlled area
- Freeze/thaw – Do not allow product to freeze

APPLICATION:

Always perform an adhesive bond test prior to installation. Bond testing prior to the installation will help identify the appropriate application rate, open and working time, and any potential bonding problems to the substrate or flooring.

- Recommended over select Porous and Non-Porous substrates (see table below) that meet the following:
 - Clean, smooth, structurally sound, dry, and free of dust, dirt, wax, paint, grease, sealers, curing compounds, existing adhesive residues, or other contaminants that may interfere with adhesive bond
 - Fully enclosed, interior spaces with permanent HVAC climate controls

NOTE: If a system other than permanent HVAC is utilized, it must provide proper control of both temperature and humidity to below limits for the specified time periods

 - Site conditions: Maintain below conditions for 48 hours prior, during the entire installation, and 48 hours after
 - 65° - 85°F (18.3° - 29.4°C)
 - 40% - 60% relative humidity
 - Substrate temperature must be a minimum of 60°F (15.6°C), within 5°F (2.8°C) of the ambient room temperature, and a minimum of 10°F (5.6°C) above dew point
- Approved Substrates:

Substrate	Type	Special Requirements
Concrete	ALL CONCRETE	AT THE TIME OF INSTALLATION: Testing the substrate with a Tramex moisture encounter meter (refer to ASTM F2659) is recommended due to possible issues related to topical moisture from dew point conditions. Substrate surface readings must not exceed 4.0%, if above 4.0%, contact Tarkett Technical Services prior to beginning installation. If these conditions are not properly addressed, the open and working times, bond strength, and setting of the adhesive may be affected.
		A moisture/pH resistant cementitious underlayment may be needed. Contact the manufacturer of these underlayments for best recommendations.
		Must be prepared according to ASTM F710
	On- and Below-Grade Concrete	Fully intact vapor retarder meeting ASTM E1745* in direct contact with the bottom of the slab and installed according to ASTM E1643*
	New Concrete	Moisture: ASTM F2170* – do not exceed 99% RH ASTM F1869* – do not exceed 10 lbs. (If moisture exceeds above, see excess moisture remedies)
		pH levels of 7 to 12 (as tested according to ASTM F3441)
	Concrete older than 2 years	Moisture: ASTM F2170* – do not exceed 95% RH ASTM F1869* – do not exceed 8 lbs. (If moisture exceeds above, see excess moisture remedies)
		pH levels of 7 to 10 (as tested according to ASTM F3441)
Wood	Underlayment Grade Plywood	APA rated
		Meets ASTM F1482*
		Prepared according to ASTM F1482
Terrazzo & Ceramic	All Types	Surface must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a good quality Portland cement based leveling compound to fill all grout lines and other depressions.
Steel Floors	All Grades	Follow all Non-Porous installation instructions
		Must clean the floor to remove all dirt, rust, and other contaminants, mechanically abrade to assist with adhesive bond, and prime with a rust inhibitor
Concrete equipped with Radiant Heat	All Grades	48 hours prior to installation, turn down thermostat to 65°F (18.3°C)
		Wait 48 hours after installation before raising thermostat, then increase in increments of 5°F (2.8°C) per 24 hours
		Surface temperature must never exceed 85°F (29.4°C)

*Use most current ASTM standard

- Excessive Moisture Remedies:

- **Moisture mitigation** – Tarkett does not recommend any specific system, only that it must be compliant with ASTM F3010 and capped with a quality cementitious product prior to the installation of Tarkett Flooring. **DO NOT install 959 High Moisture Vinyl Tile and Plank adhesive directly over a moisture mitigation system.**

LIMITATIONS:

DO NOT install Tarkett Flooring in the below conditions:

- Visible signs of moisture are present on the substrate
- Areas that have previous moisture or alkali related issues
- Concrete currently has hydrostatic pressure, osmotic pressure, or alkali silica reaction conditions. Concrete with these issues/conditions must be corrected by installing a moisture mitigation system compliant with ASTM F3010
- Directly over moisture mitigation systems
- DO NOT install over expansion joints, or other moving joints in the substrate
- DO NOT use adhesive as a moisture barrier; Adhesive is not intended to replace a moisture mitigation system and cannot form a protective moisture barrier between the substrate and finish flooring

INSTALLATION:

• General Installation Requirements:

- Tarkett flooring and adhesives must be site conditioned at room temperature for a minimum of 48 hours prior to, during the entire installation, and 48 hours after installation.
- The interior air temperature must be maintained by operational HVAC between 65° - 85°F (18.3° - 29.4°C) with a relative humidity between 40% - 60%. Substrate should be a minimum of 10°F (5.6°C) higher than the dew point temperature and within 5°F (2.8°C) of the ambient room temperature. We strongly recommend the permanent HVAC system be fully operating.

NOTE: If a system other than the permanent HVAC source is utilized, it must provide proper control of both temperature and humidity to recommended or specific levels for the appropriate time duration as stated above.

• Installation Instructions

1. Select trowel based on porosity of the substrate. See above for recommended trowel size.
2. Spread the adhesive uniformly with the recommended trowel. Working time will vary with temperature, humidity, and substrate porosity. Typical working time is between 1-2 hours depending on site conditions. If more adhesive is spread during this open time than can be covered with the flooring, it should be mechanically scraped to a clean substrate and re-applied.

NOTE: In some applications, adhesive back rolling procedure may be necessary. Follow all steps for this procedure outlined on the Adhesive Back Rolling Tip sheet and found in the Even Plane installation video at:

[Even Plane Luxury Vinyl Tile Installation Video](https://youtu.be/2zBffG1cOiw?si=HJ4C4NEWISXCCKvu)
(<https://youtu.be/2zBffG1cOiw?si=HJ4C4NEWISXCCKvu>)

3. Install flooring into adhesive as it becomes dry to the touch with little transfer to finger when lightly touched. Transfer to the back of the floor covering is critical to a successful installation. During installation, periodically lift the corner of the flooring to ensure proper adhesive transfer.
4. Immediately after the flooring is placed, roll in both directions with a 100 lbs., three-section roller. Trowel ridges should be slightly deformed after rolling. Use a small hand roller in difficult to reach areas.
5. After 1 hour, roll entire flooring a second time

CLEANUP:

- Wet adhesive: Use a clean white cloth dampened with water to remove wet adhesive from floor covering and tools.
- Dried adhesive: May require the use of denatured alcohol or methyl hydrate applied to a clean white cloth (Follow manufacturer's precautions when using these chemicals).

TRAFFIC:

- Restrict all traffic for 24 hours after installation.
- No heavy traffic, rolling loads, or furniture placement for 72 hours after installation.
- Wait 72 hours after installation before performing initial cleaning.

TECHNICAL SERVICES

Visit us on the web at www.tarkett.com

Contact Technical Support at (800) 899-8916 or E-mail: Resilient.TechnicalSupport@Tarkett.com

LIMITED WARRANTY

Adhesive warranty is a "system warranty" covered under the product that is recommended to be installed in conjunction with this adhesive. Refer to Tarkett limited warranty for complete details.

Tarkett North America

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