

Formative 2.5mm LVT with Dura

General Information

Formative 2.5mm LVT with Dura finish technology is a walking surface with superior durability. This enhanced finish outperforms our standard LVT by abrasion resistance by 20% and slip resistance by 50%. The results are reduced scratching, easy-to-clean and extra durable.

This product must be used for interior applications only and be installed by professional installers that have sufficient professional liability insurance coverage (aka Errors and Omissions Insurance) for the project. Caution should be used in moving and lifting. Allow for appropriate equipment and manpower to safely move materials. Work safe and always follow the relevant safety procedures.

Matter Surfaces recommends installing and maintaining entrance matting at all outdoor entrances; this will improve air quality, reduce maintenance costs, and lengthen the life of your floors.

Proper glides must be used on all furniture that may slide directly across the floor, consult the furniture manufacturer for recommendations for use on resilient flooring. Heavy objects must not be moved directly across the floor; use protective boards.

Direct sunlight can cause UV damage (fading or bleaching) to most interior finishes, so Low E glass should be selected that will reduce the UV transmission to less than 1%. If not, applying 3M™ protection film (or similar) on the windows is recommended.

Do not install any material that has visible defects or damage. A contractor that installs any material that has visible defects or damage assumes responsibility for the damaged material.

All Safety Data Sheets (SDS) and Installation, Maintenance and Warranty requirements must be read, understood and followed.

These instructions supersede any verbal or written instructions from Matter Surfaces representatives and must be followed in order for the limited warranty to be in effect.

Underfloor heating is suitable, providing the adhesive line does not exceed 85°F, and the system is not used for 72 hours after the installation. When it is used, the temperature must not be increased by more than 5°F per day, or thermal shock may cause bond failure.

Technical Data

| | |
|------------|--|
| Plank Size | ~6" x 36"; ~7" x 37"; ~6" x 48"; ~ 7" x 48"; |
| Tile Size | ~18" x 18"; ~24" x 24"; ~18" x 36"; |
| Wear Layer | 0.5mm (~20 mils) DURA top layer |

matter

| | |
|------------------|--|
| Thickness | 2.5 mm; 3.0 mm |
| Composition | A heterogeneous luxury vinyl plank consisting of vinyl, a print layer and our high-performance DURA top layer. |
| Limited warranty | 10 years |

| Performance | Test Method | Result |
|-------------------------|--------------------|----------------|
| Reaction to Fire | EN13501-1 | Bfl-S1 |
| Wear layer Tolerance | ASTM F410 | Meets Standard |
| Thickness Tolerance | ASTM F386 | Passes |
| Residual indentation | ASTM F1914 | Pass |
| Size & Squareness | ASTM F2421 | Pass |
| Flexibility | ASTM F137 | Pass |
| Color stability – heat | ASTM F1514 | Pass |
| Color stability – light | ASTM F1515 | Pass |
| Dimensional stability | ASTM F2199 | Pass |
| Abrasion Resistance | ASTM D4060 | Pass |
| Chemical resistance | ASTM 925 | Pass |

| Adhesive | Moisture Limits | Application Method | Coverage |
|-----------------|---------------------------|--|--|
| MI 1000 | ≤ 90 - 95% RH (see below) | 1/16 x 1/16 x 1/16-inch square-notch (FCA) | ~ 150-175 foot ² per gallon |

MI 1000 Adhesive has a moisture limit of 90% RH used “Wet-set” over porous substrates only.

matter

MI 1000 Adhesive has a moisture limit of 90% RH used “Dry-to-the-touch” over non-porous substrates.

MI 1000 Adhesive has a moisture limit of 95% RH used “Dry-to-the-touch” over porous concrete subfloors only.

Tested all concrete subfloors, including those with silicate additives, following the protocol of ASTM F2170, the results must not exceed the published limits. Replace all worn trowels (every 4 gallons) to ensure proper spread rate; do not re-notch. Check the expiration date of the adhesive, if expired, do not use. The use of any unapproved adhesive will void the limited warranty.

It may not be the flooring contractor’s responsibility to conduct moisture testing. It is, however, the flooring contractor’s responsibility to make sure these tests have been conducted and that the results are acceptable prior to installation. Testing should be performed by an International Concrete Repair Institute (ICRI) certified technician; please visit <http://www.icri.org>.

All on or below grade concrete subfloors must also have a confirmed effective vapor retarder pre-installed underneath that meets the requirements of ASTM E1745. If not, then use a moisture mitigation system that conforms to ASTM F3010. This system must be applied following the manufacturer's written instructions.