



FINISHING ACCESSORIES

Installation and Maintenance Instructions

Tandus Centiva

A Tarkett Company

MetalEdge™ Transitions & MetalEdge™ Trim

Handling and Storage

1. Tandus Centiva flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65° and 85°F (18° and 30°C) with HVAC system operating. A minimum temperature of 55°F (13°C) must be maintained afterwards. The ambient relative humidity should be between 40% and 60%.
2. In areas that are exposed to intense or direct sunlight, the product must

be protected during the conditioning, installation, and adhesive curing periods, by covering the light source.

3. The highest quality of materials and workmanship is employed in the manufacture of Tandus Centiva Finishing Accessories and careful inspection is made before shipment. However, a quality installation is the responsibility of the installer. It is the installer's responsibility to verify the accuracy of the order and to ensure the materials are checked for damage, defects, and satisfactory

color match. A Tandus Centiva representative must be notified of any defects before installation proceeds.

4. Tandus Centiva cannot accept responsibility for any loss or damage that may result from the use of this information, due to processing or working conditions and/or workmanship outside our control. Users are advised to confirm the suitability of this product by their own tests.

General Subfloor Preparation

1. All subfloors must be clean, smooth, flat and dry. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, old adhesive, and any other foreign material, which could affect installation. *Caution: Do not use oil based sweeping compounds.* Fill all depressions, cracks, and other surface irregularities with a good quality Portland cement based underlayment patching compound.

NOTE: Contamination on the substrate can cause damage to the flooring material. Permanent and non-permanent markers, pens, crayons, paint, etc., must not be used to write on the back of the flooring material or used to mark the substrate as they could bleed through and stain the flooring material. If these contaminants are present on the substrate they must be mechanically removed prior to the installation of the flooring material.

Caution: Do not use liquid solvents or adhesive removers.

Tandus Centiva does not recommend installing over existing resilient floors. All existing flooring and adhesives

must be removed prior to installing the new flooring material. Remove existing adhesive mechanically – do not use chemical adhesive removers or solvents.

Caution: Do not install MetalEdge Transitions or Edge Trim in areas that are exposed to grease, oil or animal fats.

Caution: Some resilient flooring products and adhesives contain "asbestos fibers" and special handling of this material is required.

2. Concrete subfloors must be constructed as recommended by the American Concrete Institute's ACI 302.2 "Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials" and prepared according to ASTM F 710 "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring".

Do not install Tandus Centiva MetalEdge Transitions or Edge Trim over expansion joints.

All concrete subfloors must be tested for moisture, pH (alkalinity), and proper adhesive bond: Moisture tests shall be conducted in accordance with ASTM F 2170 "Standard Test

Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes". Three tests should be conducted for areas up to 1,000 sq. ft. and one additional test should be conducted for each additional 1,000 sq. ft. of flooring or fraction thereof.

- ◆ RH results must not exceed 80%.
- ◆ If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.

A pH test for alkalinity must be conducted. Results should range between 7 and 9. If the test results are not within the acceptable range of 7 to 9, the installation must not proceed until the problem has been corrected.

An adhesive bond test should be performed using the actual flooring materials and adhesive to be installed. The test areas should be a minimum of 36" x 36" and remain in place for at least 72 hours and then evaluated for bond strength to the concrete.

3. Wood subfloors must have a minimum 18" (47 cm) of cross-ventilated space between the bottom of the joist and

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ground. Exposed earth crawl spaces should be sealed with a polyethylene moisture barrier.

Subfloors should meet local and national building codes. Trade associations, such as the APA – "The Engineered Wood Association", offer structural guidelines for meeting various code requirements.

Single Wood and Tongue and Groove subfloors should be covered with 1/4" (6.4 mm) or 1/2" (13 mm) APA approved underlayment plywood. Use 1/4" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less. For boards wider than 3" (76 mm) face width use 1/2"

(13 mm) underlayment panels.

Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound.

Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan or composite type underlayments.

4. *Terrazzo and Ceramic floor surfaces* must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a Portland cement based leveling compound to fill all grout lines and other depressions.

5. *Steel floor surfaces* must be mechanically abraded to assist with the adhesive bond. The floor must be cleaned to remove all dirt, rust and other contaminants. When applying adhesive the non-porous installation instructions must be followed.

6. *Concrete floors equipped with a radiant heating system:* Turn the heat down to 65°F (18°C) for at least 48 hours before installation. Heat may be gradually returned to operating temperature 48 hours after installation. Temperature should not exceed 85°F (30°C).

MetalEdge Transition Installation

ME001 - LVT to carpet with a total thickness of 0.21" (5.3 mm) to 0.25" (6.4 mm) or MET02 - LVT to carpet with a total thickness of up to 0.21" (5.2 mm)

1. *The molding must be installed so the flange of the transition will be under the LVT material.*
2. Using a molding cutter or utility knife, cut the molding to the required length.
3. For porous sub-floors, apply CENTI 6000 SP adhesive to the floor surface area using a 1/16 x 1/16 x 1/16 inch square notched trowel.
4. Once troweled, allow the adhesive to remain open (flash off) for 5-10 minutes before placement of the molding.
5. For non-porous sub-floors, apply CENTI 6000 SP adhesive to the floor surface area using a 1/32 x 1/16 x 1/32 inch U-notched trowel.
6. Allow the adhesive to dry to the touch (little or no transfer of adhesive to the finger) before placement of the molding.
7. Carefully position and install the molding. Use a small hand roller and roll the molding to ensure proper adhesive bond. *Note:* Once contact is made to the floor surface, the molding cannot be repositioned.
8. Using a good quality Portland cement based patching compound, feather the flange edge of the Metal Edge transition to the substrate.
9. Apply the recommended LVT adhesive to the substrate and the flange of the molding and allow for proper open time.
10. Cut the LVT so it fits snugly under the lip of the transition.
11. When installing the carpet, cut the material so that it fits snugly to the face of the transition, opposite the LVT.

ME003 and ME004 - LVT to carpet with a total thickness of 0.26" (6.5 mm) or greater

NOTE: The ME004 must be used with the ME003

1. *The ME003 must be installed so the flange of the transition will be under the LVT material.*
2. Using a molding cutter or utility knife, cut the molding to the required length.
3. For porous sub-floors, apply CENTI 6000 SP adhesive to the floor surface area using a 1/16 x 1/16 x 1/16 inch square notched trowel.
4. Once troweled, allow the adhesive to remain open (flash off) for 5-10 minutes before placement of the molding.
5. For non-porous sub-floors, apply CENTI 6000 SP adhesive to the floor surface area using a 1/32 x 1/16 x 1/32 inch U-notched trowel.
6. Allow the adhesive to dry to the touch (little or no transfer of adhesive to the finger) before placement of the molding.

- 7· Carefully position and install the molding. Use a small hand roller and roll the molding to ensure proper adhesive bond. *Note:* Once contact is made to the floor surface, the molding cannot be repositioned.
- 8· Using a utility knife and framing square, cut the ME004 to the required length.
- 9· Apply CENTI 6000 SP adhesive to the substrate and the flange of the ME003 using a $\frac{1}{32} \times \frac{1}{16} \times \frac{1}{32}$ inch U-notched trowel.
- 10· Allow adhesive to thoroughly dry to the touch (little or no transfer of adhesive to the finger) before placement of the ME004.
- 11· Carefully position and install the ME004 over the flange of the ME003.
- 12· Roll the ME004 with a 100 pound three-section roller.
- 13· It is recommended that the edge of the ME004 be feathered to the substrate with a good quality Portland cement based patching compound.
- 14· Apply the recommended LVT adhesive to the substrate and the ME004 and allow for proper open time.
- 15· Cut the LVT so it fits snugly under the lip of the transition.
- 16· Install the carpet so it fits snugly to the face of the transition, opposite the LVT.

MetalEdge Trim Installation

METO2 is a dual purpose molding that serves as both a transition molding for LVT to carpet transitions as well as edge trim for ethos Modular when installed according to the methods listed below

MetalEdge Trim is a protective edging solution for ethos Modular that is compliant with The Americans with Disabilities Act (ADA) of 1992 and as amended in 2012. ADA requires that exposed edges of carpet be fastened to floor surfaces and have trim along the entire length of the exposed edge. ADA allows for the edge trim to create a change in level of up to $\frac{1}{4}$ " in a vertical configuration (no bevel required). MetalEdge Trim meets these ADA requirements while providing a way for designers and architects to specify ethos Modular without having to install it wall-to-wall.

MetalEdge Trim Installed with Adhesive for ethos Modular Installed with Adhesive

- 1· *The MetalEdge Trim is installed with the flange under the ethos Modular.*
- 2· Prepare substrate as directed in the ethos Modular Floor Prep & Installation Instructions.
- 3· Install the ethos Modular as per standard installation instructions until reaching the row that will meet the trim.
- 4· Using a molding cutter or utility knife, cut the molding to the required length.
- 5· Dry lay the row of ethos Modular and the MetalEdge Trim. Mark the location of the trim for use as a guide for final placement.
- 6· For porous sub-floors, apply CENTI 6000 SP adhesive to the floor surface area using a $\frac{1}{16} \times \frac{1}{16} \times \frac{1}{16}$ inch square notched trowel.
- 7· For non-porous subfloors, apply CENTI 6000 SP adhesive to the floor surface area using a $\frac{1}{32} \times \frac{1}{16} \times \frac{1}{32}$ inch U-notched trowel.
- 8· Allow the adhesive to dry to the touch (little or no transfer to the finger) before placement of the trim.
- 9· Carefully position and install the trim, using the previously made mark as a guide for placement. The use of a heavy metal straight edge is recommended. Do not stretch the trim during installation as this is likely to result in post-installation gapping at seams and miters. Use a small hand roller to ensure proper adhesive bond. *Note:* Once contact is made, the trim cannot be repositioned.
- 10· Apply the recommended adhesive for ethos Modular as per standard installation instructions to the flange of the MetalEdge Trim and the substrate.
- 11· Install the ethos Modular so that it fits snugly against the vertical element of the trim.

MetalEdge Trim Installed with 1½" Power Tape™ for ethos Modular with Omnicoat Technology™ Installed with adhesive

- 1· *MetalEdge Trim installation methods that utilize Power Tape are for use with ethos Modular with Omnicoat Technology only.*
- 2· Follow steps 1 through 5 of the instructions above for "MetalEdge Trim Installed with Adhesive for ethos Modular Installed with Adhesive".
- 3· Apply a single strip of 1½" Power Tape to the back side of the MetalEdge Trim, aligning the tape to the outside edge of the trim that terminates to the substrate.
- 4· Use a small hand roller to firmly adhere the Power Tape to the trim.
- 5· Carefully position and begin installing the trim by peeling back the release paper and pressing the trim firmly into place, using the Previously made mark as a guide for placement. The use of a heavy metal straight edge for positioning is recommended. Do not Stretch the trim during installation as this is likely to result in post-installation gapping at seams and miters. Use a small hand roller to ensure proper bonding of the tape to the substrate. *Note:* Once contact is made, the trim cannot be repositioned.
- 6· Apply two side by side strips of Power Tape to the flange of the MetalEdge Trim, partially extending to the substrate. Use a small hand roller to ensure proper bonding of the tape to the trim and substrate.

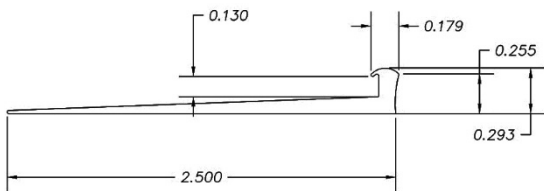
7. Apply the recommended adhesive for the ethos Modular with Omnicoat Technology as per standard installation instructions up to the edge of the installed Power Tape.
8. Remove the release paper from the Power Tape and install the ethos Modular with Omnicoat Technology so that it fits snugly against the vertical element of the trim.

MetalEdge Trim Installed with 1½” Power Tape for ethos Modular with Omnicoat Technology Installed with TandusTape +

7. Follow steps 1 through 5 of the instructions above for “MetalEdge Trim Installed with 1½” Power Tape for ethos Modular with Omnicoat Technology Installed with Adhesive”.
2. Remove the release paper from the Power Tape and install the ethos Modular with Omnicoat Technology with TandusTape +, omitting the application of TandusTape + tabs to the portion of the tile that will be in contact with the Power Tape. Place the ethos Modular with Omnicoat Technology so that it fits snugly against the vertical element of the trim.
3. Use a small hand roller on the portion of ethos Modular with Omnicoat Technology in contact with the Power Tape to ensure proper Bonding.

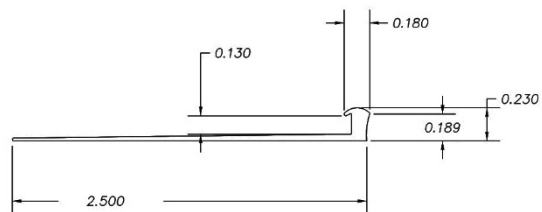
Maintenance

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| <ol style="list-style-type: none"> 1. Wait 72 hours after installation before performing initial cleaning. 2. A regular maintenance program must be started after the initial cleaning. | <ol style="list-style-type: none"> 3. Tandus Centiva MetalEdge moldings are maintained with regular wiping using a wet, clean, soft, white cloth. 4. A mild detergent may be added to the water. | <ol style="list-style-type: none"> 5. Coarse scrubbing media or harsh cleaning chemicals may damage the surface of the Transition Molding. Contact Tandus Centiva at 800-248-2878 with any questions. |
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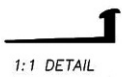
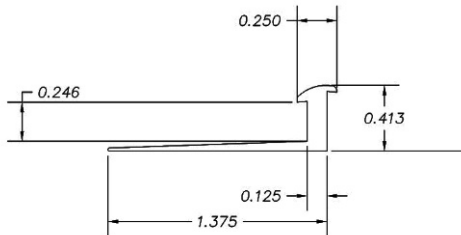
ME001

ADA COMPLIANT

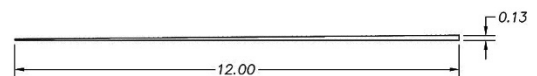


MET02

ADA COMPLIANT



ME003



ME004