

Installation Fast Facts: ColoRex® SD/EC Tile

GAUGE:	0.080" (2.0 mm)
SIZE:	24.2" x 24.2" approx. (61.5 cm x 61.5 cm)
CARTON:	14 tiles (56.81 ft ² , 5.295 M ²)

INSTALLATION FAST FACTS

- Forbo ColoRex® SD/EC ESD control tile flooring may be installed on approved substrates on all grade levels.
- Areas to receive flooring should be clean, fully enclosed and weathertight. The permanent HVAC should be fully operational, controlled and set at a minimum of 68° F (20° C) for a minimum of seven days prior to, during, and seven days following the installation. The material and adhesive should be conditioned in the same environment for at least 48 hours prior to the installation.
- Determine the moisture condition of **all** concrete substrates, regardless of age or grade level.
- Determine the moisture vapor emission rate (MVER) of concrete substrates by testing conducted in accordance with ASTM F 1869. The concrete MVER must not exceed 5.0 lbs. per 1,000 square feet in 24 hours when using Forbo C 930 conductive adhesive or 8.0 lbs. per 1,000 square feet in 24 hours when using Forbo V 885 non-conductive adhesive.
- Determine the internal relative humidity of concrete substrates by testing conducted in accordance with ASTM F 2170. The internal relative humidity of the concrete must not exceed 75% when using Forbo C 930 conductive adhesive or 85% when using Forbo V 885 non-conductive adhesive.
- When concrete moisture conditions exceed these requirements, refer to the Moisture Limitor section of the Forbo Installation Guide for additional information.
- The concrete surface pH should be tested and must not exceed a pH of 10 when using Forbo C 930 conductive adhesive or a pH of 11 when using Forbo V 885 non-conductive adhesive.
- Always use the highest quality patching and leveling compounds and always follow the manufacturer's recommendations for their use and application.
- Always conduct adhesive mat bond tests before beginning the installation. Bond testing will aid in identifying both the working characteristics of the adhesive (open time and working time) for specific site conditions and potential bonding problems.
- Use Forbo C 930 adhesive for conductive installations. Use Forbo V 885 adhesive for non-conductive installations. For optimum performance in areas with heavy rolling loads, or for additional protection from topical moisture, Forbo 660 adhesive may be used for non-conductive installations. For additional information, contact Forbo Technical Services.
- Use a 1/16" x 1/16" x 1/16" square notch trowel to apply the adhesive when using Forbo C 930 for ESD control installations. Use a 1/32" x 1/16" x 1/32" fine notch trowel to apply the adhesive when using alternative adhesives for non-ESD control installations.
- Install a minimum of one grounding strap for every 2,000 square feet of uninterrupted tile. Grounding straps must extend a minimum of three feet under the tile at each grounding point. Refer to the Forbo Installation Guide for additional information.
- Install cartons in consecutive order.
- Install tiles with the directional arrows pointing in the same direction.
- For porous substrates, a short open time may be necessary before placing the flooring material into the adhesive. For non-porous substrates, a longer open time will be necessary in order to allow the adhesive to develop body before placing the flooring material into the adhesive, but **DO NOT ALLOW THE ADHESIVE TO DRY**. The flooring material **MUST** always be placed into the adhesive and rolled immediately. Check for adhesive transfer frequently. There must be transfer of adhesive to the material backing in order to achieve a secure bond.
Note: The open time and working time of adhesives will vary depending on site conditions such as ambient temperature and humidity, the porosity of the substrate and air circulation. It is the installer's responsibility to make adjustments to specific conditions as may be necessary.
- After adhering, immediately roll the flooring in both directions using a 100 pound roller.
- Heat welding is optional. Use only Forbo ColoRex® welding rod. Refer to the Forbo Installation Guide for additional information.
- Flash coving is optional. Refer to the Forbo Installation Guide for additional information.

FLOOR CARE FAST FACTS

- In order to allow the adhesive to dry and cure properly, wait at least five days following the installation before conducting initial cleaning or other wet cleaning procedures. For installations over non-porous substrates, additional time may be necessary because the adhesive may take longer to dry and cure.
- Do not allow heavy traffic or rolling loads for a minimum of 72 hours following the installation. For installations over non-porous substrates, additional time may be necessary because the adhesive may take longer to dry and cure.

» **Any questions regarding the quality of the material should be addressed prior to installation** «

These "Fast Facts" are intended only as an overview. More detailed information can be found in Forbo's Installation Guide and is available for download at www.forboflooringna.com. For a hard copy, or for additional information, contact Forbo Technical Services at +800 842 7839.