

FORBO MARMOWELD ETU TECHNICAL DATA

1. PRODUCT NAME & MANUFACTURER

1.1 Product:

Forbo Marmoweld ETU seam weld

1.2 Manufacturer:

Forbo Flooring Systems
Humboldt Industrial Park
Hazleton, PA 18202

www.forboflooringNA.com

Phone: +1-800-842-7839 (US)

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1.3 Physical Characteristics:

Environment----- FloorScore Certified
Safety ----- 100% Solvent and Ammonia Free
----- Non-Flammable
Storage ----- Do NOT Freeze
Shelf Life ----- 2 years in unopened container
VOC Emissions----- 0 g/L (per SCAQMD Rule 1168)
Odor----- Little to no odor
Spread Rate ----- 1,200 linear feet
Unit Size----- 8 oz. (236.59 mL)

1.4 Resistance to Bacteria:

Independent testing conducted in accordance to AATCC 174, Test Method for Antimicrobial Activity, shows that Marmoweld ETU demonstrates antimicrobial properties.

2. INSTALLATION

2.1 General Guidelines:

Forbo Marmoweld ETU is the preferred method of welding seams where seamless or monolithic flooring is required. Forbo Marmoweld ETU is a color-coordinating paste weld which can also be used to make minor repairs in Forbo Marmoleum® products. Forbo Marmoweld ETU should never be diluted or mixed with any other sealants.

Forbo Marmoweld ETU is only for use with Forbo Marmoleum® products.

Due to the developments and advancements made over the last decades with the combination of Forbo Marmoleum® TopShield2™ (Forbo's factory finish for Marmoleum®), improvements in water-based adhesives, and with our commitment to education of proper installation, care and maintenance procedures and environmental stewardship; heat welding is **no longer necessary for most applications.**

Material should always be visually inspected prior to installation. If there are any questions regarding the quality of material, contact your local Forbo representative or Forbo Product Support & Education Services PRIOR to installation.

2.2 Tools Required:

Clean, white, lint-free cloths, clean buckets, and clean, cool water.

2.3 Application – Using Forbo Marmoweld ETU for Welding 1.0mm Prepared Seams:

Always apply Forbo Marmoweld ETU immediately upon the completion of installed seams. Delaying the application of the product increases the chances of seam contamination.

Carefully clean all excess adhesive from within the 1mm prepared seam before applying Forbo Marmoweld ETU. This must be done while the adhesive is still wet and can be accomplished using the edge of the Forbo Marmoweld ETU applicator card.

Remove all loose debris from the surface of the flooring material by sweeping or vacuuming. Remove any residual adhesive from the surface with a clean, white, lint-free cloth and clean, cool water prior to applying Forbo Marmoweld ETU.

Carefully apply Forbo Marmoweld ETU directly into the 1mm prepared seam with the applicator card. Work in manageable sections of 3 feet to 5 feet at a time by carefully pushing Forbo Marmoweld ETU into and across the seam.

Remove excess wet Forbo Marmoweld ETU from the sides of the seam with the applicator card.

Let the welded seam dry for a minimum of 30 minutes.

Carefully wipe off any Forbo Marmoweld ETU residue from the sides of the welded seam with a clean, white, lint-free damp cloth. Repeat this process as necessary, making sure that only clean cloths and water are being used so residue from unclean water or cloths is not being spread.

IMPORTANT! Change water and cloths frequently to eliminate spreading weld residue over the surface of the floor. Clean water and cloths will help reduce further cleanup after the Forbo Marmoweld ETU has dried.

After application and cleaning is complete, carefully inspect that there are no voids or low spots. Re-apply Forbo Marmoweld ETU as necessary so the final seam is free of voids or low spots. If reapplication is required, let the welded seam dry for a minimum of 30 minutes, then carefully wipe off any Forbo Marmoweld ETU residue from the sides of the welded seam with a clean, white, lint-free damp cloth. Repeat this process as necessary, making sure that only clean cloths and water are being used so residue from unclean water or cloths is not being spread.

Ensure that **ALL** Forbo Marmoweld ETU residue is removed from the surface of the flooring material.

Once Forbo Marmoweld ETU seams are completed, allow a minimum of an additional 30 minutes before damp mopping. Do NOT flood the floor or conduct wet maintenance for a minimum of 24 hours. Refer to Forbo Flooring's Installation Guide for complete installation guidelines of Marmoleum®.

Dried Forbo Marmoweld ETU residue on the surface of the material can easily be removed with clean, cool water and a clean, white, lint-free cloth within 8 hours. To remove residue after 8 hours: use a properly diluted neutral pH cleaner with a 10-minute dwell time, then use a swing machine with a 3M™ #5100 pad, pick up that solution, and follow with a clean water rinse.

2.4 Application – Using Forbo Marmoweld ETU for Repairs:

Sparingly apply Forbo Marmoweld ETU to areas requiring minor repairs such as gaps at seams or perimeters with the Forbo Marmoweld ETU applicator card.

Remove any excess Forbo Marmoweld ETU from the surface of the floor using the Forbo Marmoweld ETU applicator card.

Let the repaired area dry for a minimum of 30 minutes.

Carefully wipe off any Forbo Marmoweld ETU residue from the sides of the repair with a clean, white, lint-free damp cloth. Repeat this process as necessary, making sure that only clean cloths and water are being used so residue from unclean water or cloths is not being spread.

IMPORTANT! Change water and cloths frequently to eliminate spreading weld residue over the surface of the floor. Clean water and cloths will help reduce further cleanup after the Forbo Marmoweld ETU has dried.

After application and cleaning, carefully inspect that there are no voids or low spots. Re-apply as necessary so the final repair is free of voids or low spots. If reapplication is required, let the repaired area dry for a minimum of 30 minutes, then carefully wipe off any Forbo Marmoweld ETU residue from the sides of the welded seam with a clean, white, lint-free damp cloth. Repeat this process as necessary, making sure that only clean cloths and water are being used so residue from unclean water or cloths is not being spread.

Ensure that **ALL** Forbo Marmoweld ETU residue is removed from the surface of the flooring material.

Once Forbo Marmoweld ETU repairs are completed allow a minimum of an additional 30 minutes before damp mopping. Do NOT flood the floor or conduct wet maintenance for a minimum of 24 hours. Refer to Forbo Flooring's Installation Guide for complete installation guidelines of Marmoleum®.

IMPORTANT! Forbo Marmoweld ETU is intended for minor repairs. It is not intended to fill large gaps or to fix poor installations. The size of the repair will affect the yield of the Forbo Marmoweld ETU. Some repairs may require additional applications to ensure there are no low spots or voids. No weld is intended to correct issues of deficient installation.

3. WARRANTY

Limited warranty. For complete details, contact Forbo Flooring.

4. CARE & CLEANING

See Forbo Flooring's Floor Care Guide for additional information.