



Heat-Welded Dura Flooring for Hot Fitness Studios

Heat-welded Dura Flooring products may be installed in hot fitness environments, including hot yoga, hot Pilates, heated barre, and similar elevated-temperature exercise facilities, provided the installation requirements outlined in this bulletin are strictly followed.

Note: Certain flooring constructions may not be suitable for hot fitness applications. Consult your Dura Flooring representative to confirm product suitability before specification or installation.

Environmental Limitations

- Maximum operating temperature shall not exceed 110°F (43°C).
- Areas receiving flooring must be enclosed, weather-tight, and maintained at a minimum uniform temperature of 65°F (18°C) for at least 48 hours before, during, and after installation.

Subfloor Requirements

Subfloors must be dry, clean, smooth, level, and structurally sound in accordance with ASTM F710.

Substrates must be free of:

- Dust
- Paint
- Wax
- Oil and grease
- Asphalt
- Sealers
- Curing and hardening compounds
- Existing adhesive residue
- Any other contaminants that may interfere with adhesion

Moisture Testing

Concrete moisture testing shall be performed using the ASTM F2170 Relative Humidity (RH) test method.

- Maximum allowable RH: 85%
- If RH exceeds 85%, installation shall not proceed until corrective action has been taken.

Where moisture mitigation is required, the system must comply with ASTM F3010 and be covered with a minimum 1/8" Portland cement-based patching compound prior to installation.

pH Testing

Concrete substrates must be tested for pH prior to installation.

- Acceptable pH range: 7.0 – 9.0
- Readings outside this range must be corrected before installation begins.

Adhesive Requirements

Use only Dura Flooring-approved installation materials and adhesives: Sika T17 and Mapei Ultrabond ECO 570.

Follow all applicable adhesive manufacturer recommendations regarding substrate preparation, application rates, open times, and cure times.



Post-Installation Requirements

- Restrict foot traffic for a minimum of 24 hours after installation.
- Do not expose the floor to rolling loads, movable equipment, or elevated operating temperatures for a minimum of 72 hours following installation.
- Heating systems used for hot fitness activities shall not be activated until adhesive cure requirements have been satisfied.

Warranty Notice

Failure to comply with these installation requirements, including temperature limitations, substrate preparation, moisture testing, pH requirements, adhesive specifications, and cure times, may result in flooring performance issues and may void applicable warranty coverage.

Additional Requirements

All applicable Dura Flooring installation instructions, technical data sheets, maintenance guidelines, and warranty requirements remain in effect and must be followed in conjunction with this bulletin.