



DURA PRODUCTS AND THEIR COMPATIBILITY WITH RADIANT HEATED FLOORS

Overview

DuraPad™, Duralux Grip™, Duraquiet™, Dura-Son™, Dura-Son MB™, Protector™, Duracushion™, Duralux Comfort™, Duracoustic®, and Super Dura™ underlayments are compatible with hydronic and electric heated floor systems.

Typical Operating Conditions*

Heating systems generally operate within the following temperature ranges:

- **Water temperature:** 95°F – 140°F (35°C – 60°C)
- **In-floor wiring temperature:**
 - Internal: 95°F – 140°F (35°C – 60°C)
 - External (cable outer sheath temperature): 104°F – 158°F (40°C – 70°C)

*May vary by manufacturer. Always verify specifications of the heating floor product.

Dura's products perform effectively within these standard operating conditions.

Temperature Limitations

To ensure product integrity, performance, and safety:

- **Maximum allowable temperature at the underlayment level**
 - **DuraPad™:** 194°F (90°C)
 - **Duralux Grip™:** 194°F (90°C)
 - **Duraquiet™:** 194°F (90°C)
 - **Dura-Son™:** 194°F (90°C)
 - **Dura-Son MB™:** 131°F (55°C)*
 - **Protector™:** 194°F (90°C)
 - **Duracushion™:** 194°F (90°C)
 - **Duralux Comfort™:** 194°F (90°C)
 - **Duracoustic®:** 194°F (90°C)
 - **Super Dura™:** 194°F (90°C)

Direct contact must not exceed these limits.

***For Dura-Son MB™, physical separation from the heating system is recommended. Contact Dura for project-specific guidance.**

Disclaimer

This document is provided as a general guideline. Final system design, installation methods, and compliance with local building codes are the responsibility of the project design team and installer. For project-specific recommendations, please contact Dura.