



Technical Bulletin 5.1

Installing FloorPrep Self-Leveling Underlayments over Radiant Systems

FloorPrep's "Skimflow" and "Platform" Self-Leveling Underlayments are suitable for installation over both electric and hydronic radiant in floor heating systems.

1. Prepare substrate as required (see product data sheets)
2. Ensure building interior is heated to the recommended minimum ambient temperature (minimum 50° F and rising) before during and after installation until underlayment is dry. When required, use temporary heat to achieve the minimum recommended temperature.
3. Ensure the radiant system is "off" 24 hours before and during installation of the underlayment.
4. Prime the substrate (low profile hydronic systems prime with Primer A/P360).
5. Install the underlayment as per manufacturers' directions.
6. Maintain the required installation temperature (50° F) and provide adequate ventilation to allow moisture to escape. Windows to remain open until underlayment is dry.
7. Wait a minimum of 24 hours from the time of the pour to turn on the radiant heat system to a maximum tube or cable temperature of no more than 70° F.
 - a. Continue to ventilate the area to allow moisture to escape the building as the material dries (See Dependable Drying Conditions).
 - b. Start system at low element/tube temperature (< 70° F) until underlayment is dry-keeping in mind that the heat is much higher in the heating element/tubes than the ambient room temperature
 - c. Do not exceed a tube or element temperature of 70° F for the first 5 days or until dry.
8. When dry, the radiant heating system may be adjusted as desired to normal operating temperatures. Never operate radiant heat system in excess of 120° F floor surface temperature.
9. Whenever possible, avoid installing multiple lifts over (typically hydronic) radiant systems, as overall drying will be slowed. If unavoidable, ensure the first lift is completely dry prior to priming and installation of the second lift.

Please do not hesitate to contact our Technical Group for additional information.

Thank-you for considering FloorPrep repair solutions.

Reference Product Data sheets for additional installation instructions/requirements. Follow all local building code requirements. Contact FloorPrep Technical services for sound solutions to address your unique subfloor challenge. The latest numbered technical bulletin in the series takes precedence.