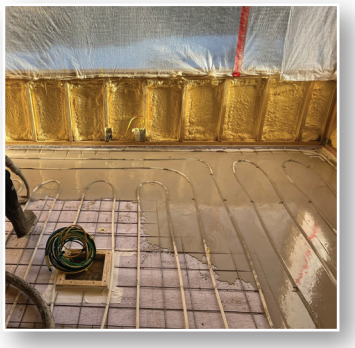
# MAXIMIZE RADIANT FLOOR HEATING WITH POURED FLOOR UNDERLAYMENTS



**Gypsum Radiant Topping (GRT) underlayment is an ideal choice to encase the hydronic tubes or electric cables in a radiant floor heating system.** It maximizes your return on investment by enhancing the efficiency and performance of the heating system. GRT weighs the same as a typical tile bed and provides several benefits:

- **Performance:** enhances heat responsiveness due to its thin thermal mass. It is installed above the subfloor, which allows it to transfer heat with efficiency and consistency (whereas under-floor installations create hot spots and inconsistent heating)
- **Finished floor quality & durability:** results in a smooth, tough surface that allows for easy installation of any floor covering. It can also smooth transitions between floor coverings of different heights
- **Energy efficiency:** can act as a perimeter seal at the base of drywall, which helps combat outside air infiltration
- **Sound control:** muffles sound because of its high density
- **Safety:** adds fire resistance and is GREENGUARD and GREENGUARD Gold Certified for VOC Emissions

## GYPSUM RADIANT TOPPING (GRT) INSTALLATION SPECIFICATIONS & TECHNICAL DATA:

- The thickness of GRT varies with the type of radiant floor heating system. It is typically poured to a depth of ¾" over tubes, 1½" to baseplate height, or to meet specifications set forth in the building plan
- Compressive Strength: Up to 3,000 psi (ASTM C472). Strengths of 3,500+ psi are achievable with a custom mix design
- Weight: At 1½," less than 14.4 lbs./SF
- GRT can be poured before or after drywall is installed
- GRT accommodates the installation of many different finished floor products including marble, ceramic tile, wood or carpet and pad
- For up to a 10,000 SF home, experienced applicators can complete a GRT pour in less than one day

**Kent Companies** offers more than 35 years of experience in underlayments applications across the Midwest and Southeast. We've installed nearly 100 million square feet of flooring underlayments. We offer design build assistance to help with the design and selection of poured underlayments, sound isolation systems and thermal mass for in-floor radiant heat systems. Our team has worked on projects large and small — from a 14x14 screened-in back porch to a 50,000 SF home.

## CONTACT US: