



Floors, Interior; Hardwood over Radiant with Sleepers

REFERENCE: RADIANT PROFESSIONALS ALLIANCE-WWW.RADIANTPROFESSIONALSALLIANCE.ORG OR (877) 427-6601

PRODUCT ASSEMBLY

1. Hacker TopCoat®SP

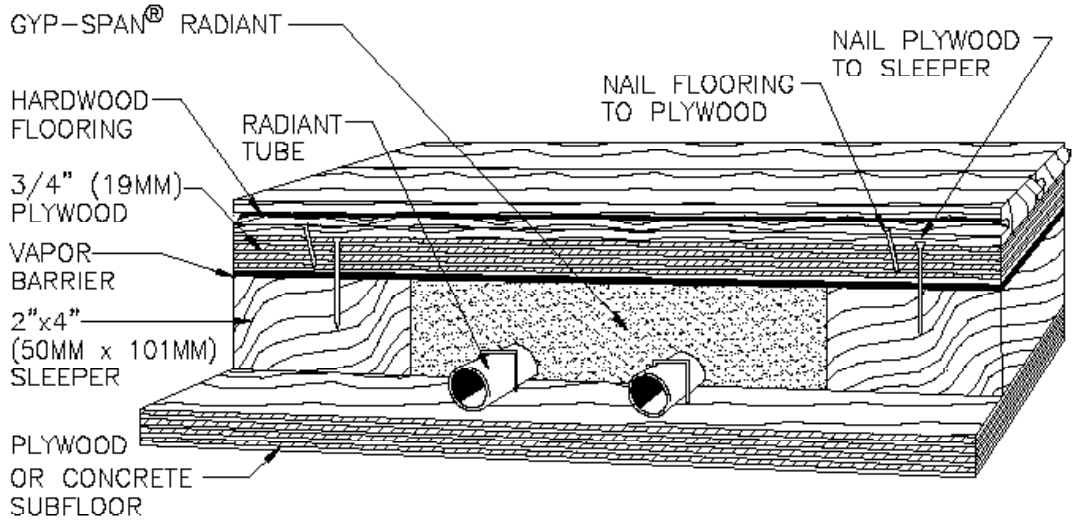
An acrylic-based, film forming surface preparation agent.

2. GYP-SPAN® Radiant

Specially designed for Radiant Systems ASTM C472. Compressive strengths from 2000-3200 psi.

3. Hacker Floor Primer

A rewettable latex primer that is diluted: 1 part Hacker Floor Primer to 4 parts water.



Note

Some installation methods and components are not referenced. Please consult all approved resources to ensure a complete assembly.

The floor surface temperature should never exceed 85°F (29°C) when laminated, parquet or solid wood floors are installed over radiant heat systems.

When installing nail-down sleeper system over GYP-SPAN® Radiant Gypsum Concretes:

General Recommendations:

Before, during and after installation of GYP-SPAN® Radiant, building interior must be ventilated and heated to a minimum 50° F (10°C) to assure completion of the drying process. The General Contractor shall provide continuous ventilation and adequate heat to rapidly remove moisture from the area until the GYP-SPAN® Radiant is dry. Do not install finished floor coverings until the GYP-SPAN® Radiant has been tested for dryness. Consult flooring contractor for recommended procedures to test for dryness. Reference Hacker Industries, Inc.'s Drying Conditions Flyer.

Nail Down Sleeper System:

Install tubing between 2" and 4" sleepers, which are attached to the subfloor. Pour Hacker Industries' GYP-SPAN® Radiant between the spaces

around the tubes to provide a thermal mass. GYP-SPAN® Radiant must be 3/4" minimum above the outside diameter of the tubes. Follow the surface requirement steps on Page 1 of Hacker Industries' Guidelines for Installing Finished Floor Coverings to prepare the underlayment.

When dry, install a vapor barrier and nail boards to the sleepers. Be careful not to puncture the radiant heating tubes when nailing down a solid wood floor. This system offers limited insulation above the radiant system. For best results, refer to the radiant heat system manufacturers' recommendations. Consult the Radiant Professionals Alliance Guidelines.

Reference: Radiant Professionals Alliance-www.radiantprofessionalalliance.org or (877) 427-6601.

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