

DRYING CONDITIONS

The drying time for Hacker Floor Underlayments is dependent upon several variables. Ventilation, weather, humidity, the amount of water in the building and the underlayment at the time of installation, and the thickness of the underlayment will all affect the drying time of the Hacker Floor Underlayment.

Before, during and after installation of gypsum floor underlayments, the building interior must be properly ventilated and heated (minimum 50°F, 10°C). Under these optimum conditions, a gypsum concrete floor should usually dry in about 10 days. In a building without all of these conditions present, the drying time can increase.

Hacker Floor Underlayments are inorganic. Some construction materials contain organic materials and should be installed properly to avoid fungus or mold growth. To avoid growth of mold on construction materials such as wallboard, drywall compound and even dust, it is vital to maintain a low relative humidity both before and after placement of Hacker Floor Underlayments.

Controlling moisture levels in the building, through appropriate trade sequencing and prevention of potential damage by other trades, is the responsibility of the General Contractor. The General Contractor shall provide mechanical ventilation and heat if necessary. This process is not the responsibility of Hacker Industries, Inc. or its Licensed Applicators (See ASTM F2419, Standard Practice for the Installation of Thick Poured Gypsum Concrete Underlayments and Preparation of the Surface to Receive Resilient Flooring).

Do not install floor coverings until Hacker Floor Underlayments are completely dry. Hacker Industries, Inc. recommends that a moisture test be done by the "Plastic Sheet Method" (See ASTM D4263-83). Testing can also be done using an electronic moisture meter with a gypsum scale approved by Hacker Industries, Inc.

Hacker Industries, Inc. does not recommend a moisture test by the calcium chloride method.

The flooring contractor shall be responsible for testing for dryness before



VENTILATION IS CRITICAL!

the installation of finished floor goods. It is the responsibility of the floor goods installer to determine the compatibility of their product with a particular underlayment.

LIMITATIONS

During construction, the General Contractor shall place temporary wood planking in areas subject to heavy-wheeled traffic or concentrated loads. Gypsum concrete-based systems shall not be used below grade, or where prolonged exposure to moisture is likely.

ADDITIONAL NOTES

1. General Contractor shall confirm the subfloor is structurally sound and conditions are suitable for installation of a floor underlayment. Design must be able to withstand design

loads with a deflection limitation of L/360. Subfloor must be dry, broom cleaned, and free of oil, grease and other contaminants.

2. Hacker Floor Underlayments cannot resist stresses caused by sudden structural movement.
3. Hacker Floor Underlayments require a finished floor covering. Contact Hacker Industries, Inc. at (800) 642-3455 for the Guidelines for Installing Finished Floor Coverings. The guideline is not a warranty and shall be used as a guideline only.
4. Expansion joints in all types of work shall be brought through the underlayment.
5. Installed correctly, all Hacker Floor Underlayments meet ASTM F2419.

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