



# Scanalytics Commercial Smart Flooring Underlayment Installation Guidelines

## STORAGE AND HANDLING

Scanalytics Smart Flooring must be stored in a protected interior location, ideally one that can be climate controlled. Optimum storage temperatures are between a low of 65°F and high of 100°F. Additionally, the humidity of the storage area should be controlled and maintained between 30% and 70%.

Always store Scanalytics Smart Flooring tightly rolled, face-out on a sturdy cardboard core designed for that purpose. Rolls may be stacked, but not more than two rolls high, or stored vertically (on edge). You must follow these storage recommendations to prevent compression and distortion of Scanalytics Smart Flooring.

The rolls may be heavy and bulky. Be good to yourself and always use proper lifting techniques when handling these products. Whenever possible make use of material-handling equipment such as dollies or material carts. Never lift more than you can safely handle; get assistance. Scanalytics Smart Flooring can be damaged by rough handling before installation. Exercise care when handling and transporting Scanalytics Smart Flooring.

Before starting the job, always check the Scanalytics Smart Flooring to be sure it is undamaged. Also make sure that the amount of Scanalytics Smart Flooring is sufficient to complete the installation. Inspect the Scanalytics Smart Flooring closely before installation for any visible defects. Scanalytics Smart Flooring is manufactured to high quality standards and is carefully inspected before leaving our facility. Occasionally, however, defects are not detected. If you notice a visible defect in the system, stop the installation and contact Scanalytics Customer Service for assistance.

**NOTE:** Scanalytics will not pay labor charges on claims filed for materials installed with obvious visible defects.

## JOB SITE CONDITIONS

The environment where Scanalytics Smart Flooring is installed is critically important in regard to successful installation and continued performance of the flooring products. Scanalytics Smart Flooring is intended to be installed in



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interior locations only. These interior locations must meet climatic and structural requirements as well.

## Temperature Requirements

Do not install Scanalytics Smart Flooring until the work area can be temperature controlled. We recommend that the work area be maintained at a minimum temperature of 65°F and a maximum temperature of 100°F for 48 hours before, during, and after the installation. This requirement can seldom be fulfilled with temporary space heaters. A permanent heating or cooling source should be operational before proceeding with the installation of Scanalytics Smart Flooring. For the entire life of the floor, the temperature should never fall below 55°F. If this minimum temperature cannot be maintained, the performance of the product and adhesives can be adversely affected. Ideally the job site relative humidity will be maintained in the 40% to 50% range.

You may install Scanalytics Smart Flooring over hydronic radiant-heated flooring systems, provided the surface temperature of the system does not exceed 90°F. Before installing Scanalytics Smart Flooring over newly-constructed radiant heating systems, and operate the system at maximum capacity to force any residual moisture from the cementitious topping of the radiant heating system. Then set the thermostat to a comfortable room temperature for the installation. For the smoothest job and best results, always condition Scanalytics Smart Flooring, adhesives, and installation accessories to the job site temperature before beginning the installation.

For further information regarding Scanalytics Smart Flooring, visit [Welcome to Scanalytics, a Department of Energy-backed, patented smart flooring system \(scanalyticsinc.com\)](https://www.scanalyticsinc.com) or call our customer care team at 414.622.0395

## Structural Requirements

The structural integrity of the job site is critical for satisfactory flooring installation. The type and method of construction, grade level, and flooring system components all impact the installation of Scanalytics Smart Flooring. Many times local building codes establish only minimum requirements for flooring systems. These minimum requirements may not provide sufficient rigidity for successful installation and continued performance of Scanalytics Smart Flooring. Structural

flooring systems are constructed of either concrete (or cement like materials) or wood. The description of each of these structural flooring constructions is



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presented in the General Installation information in Section I.

For more comprehensive information, contact the manufacturer of the particular flooring underlayment system. The American Concrete Institute and APA The Engineered Wood Association, aka the American Plywood Association can provide details for their respective products.

For more information on Scanalytics Smart Flooring, please visit the website: [scanalyticsinc.com](http://scanalyticsinc.com).