

NobleSeal® Sheet Membranes over Primed Gypsum Underlayment & Radiant Heat Systems

Technical Data Sheet

Description:

Manufacturers of most “gypsum concrete” require the following prior to installing tile:

1. Substrate should be dry.
2. Surface should be “primed” or sealed prior to covering with membrane.
3. A crack isolation membrane should be installed.

NobleSeal sheet membranes can be installed over primed gypsum concrete and radiant heat systems. The following chart reflects functional capabilities of various NobleSeal sheet membranes in these applications:

					
Use Guide	Crack Isolation	Water Proofing	Joint Bridging	Sound Reduction	Exterior Decks
NobleSeal® TS	X	X	X		
NobleSeal® CIS	X	X	X		
NobleSeal® SIS	X	X	X	X	
Noble Deck™	X	X	X		X

Installation guidelines follow:

1. Floor surface should be suitable for installation of tile in terms of strength.
2. Follow underlayment manufacturer’s instructions for preparation (see 1-3 above).
3. Bond NobleSeal sheet using NobleBond 21 as the sheet bonding agent.
4. Install NobleSeal sheet in accordance with written instructions.
5. If you are using CIS or SIS for waterproofing, follow instructions in Technical Bulletin #1, and use NobleSealant 150 for waterproof seams and to seal penetrations (e.g., seal lap corners).

Note: The R-value for NobleSeal sheet membranes is <1.

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P.O. Box 350 • Grand Haven, MI 49417-0350 • Phone: 800-878-5788 • 231-799-8000 • Fax: 231-799-8850 • www.noblecompany.com
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