

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

Technical Bulletin #009

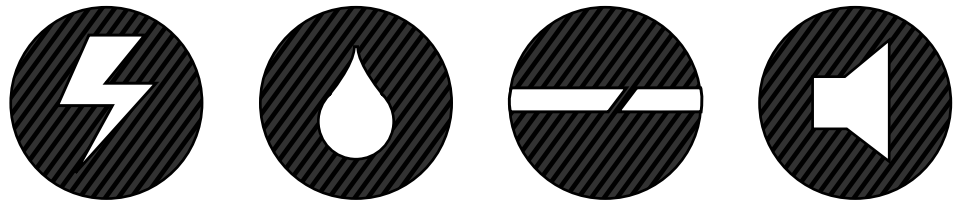
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## Description:

Manufacturers of most “gypsum underlayment” 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 underlayment and radiant heat systems. The following chart reflects functional capabilities of various NobleSeal sheet membranes in these applications:



Membrane	Crack Isolation	Waterproofing	Joint Bridging	Sound Reduction
NobleSeal® TS	✓	✓	✓	
NobleSeal® CIS	✓	✓	✓	
NobleSeal® SIS	✓	✓	✓	✓

## INSTALLATION GUIDELINES:

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 a NobleBond adhesive or a suitable modified thin-set 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 for waterproofing in product instructions.

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



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