

TOOLS

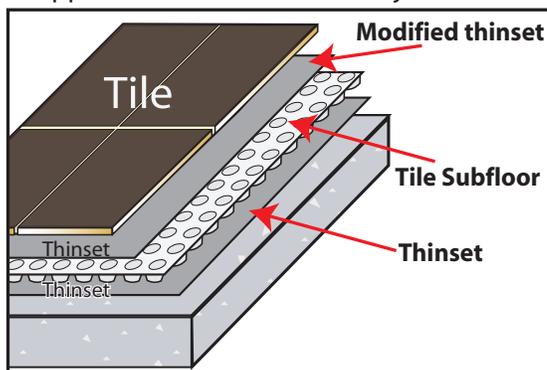
- Substrate 1/4" x 1/4" (6mm) notched trowel
- For tiles - Surface to Tiles 1/4" x 3/8" notched trowel, back butter ALL tiles during installation.
- Electric drill, mixer attachment, safety goggles, and gloves
- Tape measure, carpenter's pencil, knife or scissors, clean mixing containers, chalk line

THINSET

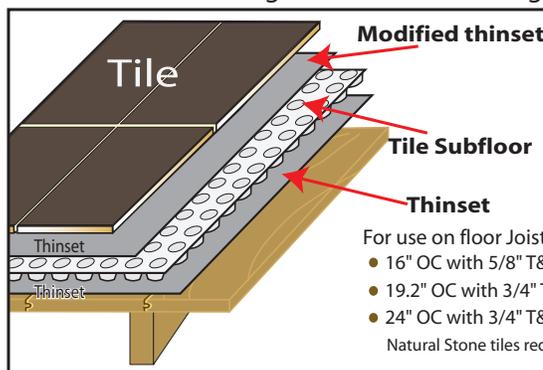
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|-------------------------|--|
| On Substrate | One 50lb bag covers 150ft ² to 200ft ² |
| On Tile Subfloor | One 50lb bag covers 40ft ² to 50ft ² |
| On Concrete | Non Modified or Modified |
| On Wood | Modified Thinset. |
| On Tile Subfloor | Modified only. |

Interior Concrete Subfloors

All applications & substrates and joists must conform to Standard Building Codes and TCNA* regulations



Wood Substrates



For use on floor Joists with the following spacing:

- 16" OC with 5/8" T&G
- 19.2" OC with 3/4" T&G
- 24" OC with 3/4" T&G and 3/8" wood underlayment

Natural Stone tiles require an additional plywood layer.

1. All Substrates must conform to the TCNA Guidelines (Tile Council of North America) and good building practices and be even, clean, flat, dry, load bearing and free of contaminants. When installing natural stone (i.e. marble), an additional 3/8" subfloor is required. Refer to Marble Institute of America (MIA) or Terrazzo, Tile and Marble Association of Canada (TTMAC)
2. The type of thinset mortar used to apply **SUPERSEAL** Tile Subfloor must be appropriate for the substrate and in accordance with the manufacturer's recommendations. The thinset must both bond to the substrate and mechanically anchor the fleece on the underside of the **SUPERSEAL** Tile Subfloor to the substrate.
 - On Concrete** - unmodified thinset mortar (ANSI 118.1) or modified thinset (ANSI 118.4 or ANSI 118.11)
 - On Wood** - modified thinset (ANSI 118.4 or ANSI 118.11)
 - On SUPERSEAL Tile Subfloor** - Modified thinset.

On Vinyl or Glossy concrete - Fast set thinset, scuff substrate with 100-200 grit scuff pad. Hand sand corners/details
3. Unroll the Tile Subfloor and precut into manageable sections. Ensure to leave a 1/4" gap around all walls, posts, stairs etc... Trace the edge of each piece to mark the floor where the working sections fit. Roll up the sections of **SUPERSEAL** Tile Subfloor. Ensure to allow for movement joints where required.
4. For installation the substrate (concrete or wood) start by mixing the thinset to a consistency so that it will be just pourable from the pail but able to hold a notched shape. Using a 1/4" x 1/4" notched trowel, apply the thinset to the substrate in the working area you marked off. The direction in which the thinset is combed does not affect the adhesion or function of the **SUPERSEAL** Tile Subfloor. (One 50lb bag covers 150ft² to 200ft²)
5. Unroll **SUPERSEAL** Tile Subfloor embedding the fleece into the thinset so that its entire surface is bonded. Be careful not to exceed the working time of the thinset. Use a float, screed trowel or vinyl roller to press the **SUPERSEAL** Tile Subfloor into the thinset. Start at one end and continue working in one direction to avoid air pockets. Periodically check for 100% contact of the fabric with thinset.
6. Butt edges of sections together. Use **SUPERSEAL** Seam Cloth on seams if you are waterproofing the area or want to enhance the anti-fracture properties of the flooring assembly.
7. Immediately after **SUPERSEAL** Tile Subfloor is installed, tiles can be installed on top of the membrane. It's best to mark out the sections you will be working using a chalk line or marker. Mix the thinset to the specifications listed on the bag. Using a 1/4" x 3/8" notched trowel apply a layer of modified thinset on the Tile Subfloor in the marked area. Ensure all the dimples are completely filled and you have a full thickness of material. Apply modified thinset to the back of the tile (back butter) and solidly embed the tiles in the thinset. Keep in mind the working time of the thinset so as to achieve sufficient bond. (One 50lb bag covers 40ft² to 50ft²)

Grouting Tiles: Ensure that debris and spacers have been removed from the open joints. When setting tiles on **SUPERSEAL** Tile Subfloor, use the standard grout spacing of 1/8th inch or less for most tiles. In some cases a larger spacing may be required so **always** check the maximum allowable joint width as designated by the grout manufacturer.