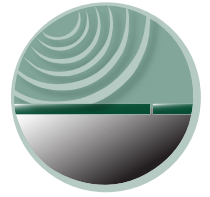


# Waterproofing with NobleSeal® SIS



Technical Bulletin #001

## Description:

All NobleSeal sheet membranes are made from Chlorinated Polyethylene (CPE), and can be installed to provide waterproofing. NobleSeal SIS can provide waterproofing in thin-set applications. SIS can also be loose laid under a mortar bed and provide waterproofing.

Installer should follow industry guidelines and local codes for waterproofing. If required, the substrate should be sloped to the weep holes in a clamping ring drain.

## Installation Guidelines - Interior, for Thin-Set Applications:

Follow installation instructions for SIS and incorporate the following procedures:

1. **Sheet Bonding.** Bond SIS to the substrate with a bonding agent suitable for the application (e.g., NobleBond EXT or latex modified thin-set mortar). Full contact of bond coat is required.
2. **Seaming/Joining.** For areas wider than the width of one sheet, use NobleSealant 150 to seam sheets together. Sheets should be overlapped approximately 2" and seamed with 2 beads of NobleSealant 150. Apply 1 bead 1/4" from the edge of the sheets. Apply 2nd bead, parallel to and 1/2" from 1st bead.
3. **Flashing.** Sheets should be turned up vertical surfaces to a point higher than the flood level or top of the trim unit. Use NobleSealant 150 as a concealed terminal edge sealant.
4. **Protect NobleSeal SIS until it is covered by a wearing surface.** SIS should be protected from direct sunlight and all foot traffic. Suitable protection depends on potential traffic but could include plywood, cardboard, mortar skim coat, rugs, etc.
5. **Installing Tile.** Tile can be thin-set to NobleSeal SIS in accordance with TCNA Handbook recommendations, ANSI A108 Standards and bond coat manufacturer's directions. Complete coverage of bond coat is required.

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