

NobleSeal® CIS

Protects Tile from Cracking

Protects thin-bed tile from cracking by relieving stress caused by lateral movement in the substrate. Also, helps preserve tile patterns by "bridging" control joints.



Crack or Control Joint

- **Performance tested**
 - Rated "Extra Heavy Service" by Robinson Test (ASTM C 627)
 - Exceeds "High Performance" criteria for ANSI A118.12 (jig test)
- **Single sheet membrane**
 - Ensures uniform thickness & quality
 - Minimizes workmanship variables
 - Made from Chlorinated Polyethylene (CPE)
 - Guaranteed not to rot, crack or deteriorate
- **Allows tile to bridge control joints to preserve tile patterns**
- **Use over common substrates**
 - Including concrete, many plywood subfloors, radiant heat and primed gypsum underlayments
- **Can also provide waterproofing**
 - Meets ANSI A118.10 - IAPMO File #4339
 - ICC-ES PMG Listing: PMG-1059
- **10-year "No Cracked Tile" Warranty available**

Installation:*



1. Apply Bonding agent (NobleBond 21, NobleBond EXT or latex modified thin-set).



2. Embed NobleSeal CIS with a roller.



3. Install tile.

* CAUTION: Read complete installation instructions prior to installing.

NobleSeal® CIS Product Description

APPLICATIONS

Used with any thin-bed method over common substrates including concrete, primed gypsum underlayments, many wood subfloors and radiant heat. Examples include: malls, hotels, high-rise offices, shopping centers, airports, banks, department stores, single and multi-unit housing and radiant systems.

HOW TO SPECIFY

Specify in Division 9 • Where required, provide NobleSeal CIS, a composite sheet membrane manufactured from Chlorinated Polyethylene (CPE), with polyester fabric laminated to both sides with a nominal thickness of 0.8mm (.030"). Refer to NobleSeal CIS Short Form Specification.

COMPOSITION & MATERIALS

NobleSeal CIS is a composite sheet membrane manufactured from Chlorinated Polyethylene (CPE), a non-plasticized elastomer with polyester fabric laminated to both sides.

PRODUCT DIMENSIONS

- 2' x 50' (0.6m x 15.2m) roll = 100 sq. ft. (9.3m²)
- 3' x 50' (0.9m x 15.2m) roll = 150 sq. ft. (13.9m²)
- 4' x 50' (1.2m x 15.2m) roll = 200 sq. ft. (18.6m²)
- 6' x 50' (1.8m x 15.2m) roll = 300 sq. ft. (27.9m²)
- Nominal thickness is .030" (0.8mm)

LIMITATIONS: NobleSeal CIS is not designed for use as a wearing surface. CIS is not recommended for exterior applications. For applications not specifically detailed in the installation instructions, contact bronte™. Substrate must be clean, dry, and free of sealers, primers, and other substances that could affect bonding of the sheet to the subfloor.

NobleSeal CIS will not correct structural deficiencies. Deflection of the subfloor must not exceed industry standards. Installation must follow TCNA recommendations and appropriate industry standards.

NOTE: NobleSeal CIS must be installed in compliance with appropriate ANSI and industry standards and TCNA recommendations. See Installation Instructions for details. Contact bronte™ for other information.

WARRANTY: NobleSeal CIS brand CPE membrane is guaranteed for the life of the original installation by bronte™ against failure caused by rotting, cracking and microorganism deterioration when properly installed in tile systems for which its use is recommended by bronte™. This warranty is limited to the replacement of defective material and freight charges to destination only. There are no other expressed or implied warranties, and this warranty is in lieu of any other warranty, including, but not limited to, implied warranties of merchantability and fitness for purpose. The bronte™ is not responsible for consequential damages. The remedy of the purchaser set forth herein is exclusive.

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
System Performance	ASTM C 627	cycles	1-14 "Extra Heavy Service"
Hardness	ASTM D 2240	shore A	82
Breaking Strength		psi	1243
Water Vapor Transmission	ASTM E 96/96M	perms/Procedure E	0.15
Dimensional Stability	ANSI A118.10	%	0
Shear Strength 7 day / 4 week / 12 week	ANSI A118.10	psi	passed
Shear Strength - Water Immersion 7 day	ANSI A118.10	psi	passed
Fungus & Microorganism Resistance	ANSI A118.10	no growth	passed
Waterproofness	ANSI A118.10	perms	passed
Crack Isolation	ANSI A118.12	jig test	"High Performance"

DETAILS (not to scale)

CRACK ISOLATION:
NOTE: Sheet width - 3 tiles minimum (one full tile over crack plus one row adjacent to crack).

SHEET PLACEMENT AND SOFT JOINT PLAN:

NOTE: CRACKS MAY BRANCH OR CHANGE DIRECTIONS. TILE ADJOINING THE TILE BRIDGING THE CRACK OR JOINT MUST BE INSTALLED COMPLETELY ON THE SHEET.

JOINT BRIDGING:
NOTE: Sheet width - 3 tiles minimum (one full tile over crack plus one row adjacent to crack).

SHEET PLACEMENT / DIAGONAL PATTERN:

NOTE: MINIMUM SHEET WIDTH 2-1/2 X DIAGONAL DIMENSION OF THE TILE PLUS GROUT JOINTS. ESTIMATE 3 TIMES TILE SIZE.