



CSI: DIVISION: 22 00 00 — PLUMBING
Section: 22 40 00 — Plumbing Fixtures

DIVISION: 09 00 00 — FINISHES
Section: 09 30 00 — Tiling

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: NobleSeal® TS, NobleSeal® CIS, NobleSeal® SIS, Noble Deck™, NobleFlex®, ProBase™, and AquaBlue™, AquaSeal™

Listee: Noble Company
7300 Enterprise Drive
Spring Lake, Michigan 49456
www.noblecompany.com

Additional Listee:

Dal-Tile International, Inc.
7834 C.F. Hawn Freeway
Dallas, Texas 75217-0130

Compliance with the following codes:

2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
2021, 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code*® (IPC)
2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code*® (UPC)
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Compliance with the following standard:

TCNA/ANSI A118.10-2014 (Reaffirmed 2019), Specification for Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation.
ICC-ES AC 115 Acceptance Criteria for Waterproof Membranes for Flooring and Shower Sub-Pan Lining (Editorially revised August 2016)

Identification:

NobleSeal® TS, NobleSeal® CIS, NobleSeal® SIS, Noble Deck™, NobleFlex®, ProBase™, AquaBlue™ and AquaSeal™ described in this listing must be identified by a stamp bearing the manufacturer's name

(Noble Company), the product name (TS, CIS, SIS, Deck, Noble Flex, ProBase, AquaBlue™) and the ICC-ES PMG listing mark.

Installation:

NobleSeal® TS, NobleSeal® CIS, NobleSeal® SIS, Noble Deck™, NobleFlex®, ProBase™, AquaBlue™ and AquaSeal™ must be installed in accordance with the manufacturer’s published instructions and the applicable code(s).

Ceramic tile must comply with ANSI A137.1.

Drains must have a clamping ring with open weep holes in accordance with ANSI A112.6.3 or have a current ICC-ES PMG listing.

Models:

NobleSeal® TS: Composite sheet membrane made from chlorinated polyethylene (CPE), an inherently flexible synthetic elastomer, with fabric laminated to both sides. The product has a nominal thickness of 30 mils [0.030 inch (0.76 mm)] and complies with ANSI A118.10.

NobleSeal® CIS: Same as NobleSeal® TS.

NobleSeal® SIS: Composite sheet membrane made from chlorinated polyethylene (CPE), an inherently flexible synthetic elastomer, with fabric laminated to both sides. The product has a nominal thickness of 50 mils [0.050 inch (1.25 mm)] and complies with ANSI A118.10.

Noble Deck™: Composite sheet membrane made from chlorinated polyethylene (CPE), an inherently flexible synthetic elastomer, with fabric laminated to both sides. The product has a nominal thickness of 40 mils [0.040 inch (1.02 mm)] and complies with ANSI A118.10.

NobleFlex® Drain Flashing: Composite sheet membrane made from chlorinated polyethylene (CPE), an inherently flexible synthetic elastomer, with fabric laminated to both sides. The product has a nominal thickness of 40 mils [0.040 inch (1.02 mm)] and complies with ANSI A118.10.

ProBase™: A waterproof shower base sloped 1/4 inch per foot and ready to be tiled. ProBase™ consists of polypropylene honeycomb covered with Noble Deck™.

AquaBlue™: A ready to use liquid waterproofing membrane appropriate for interior tile and stone applications. Complies with ANSI A118.10.

AquaSeal™: Composite sheet membrane made from polyethylene (PE) with fabric laminated to both sides. The product has a nominal thickness of 16 mils [0.016 inch (0.41 mm)] and complies with ANSI A118.10.

MODEL IDENTIFICATION FOR ADDITIONAL LISTEE MODELS

NOBLE COMPANY PRODUCTS (LISTED MODELS)	DAL-TILE (ADDITIONAL LISTEE) EQUIVALENT MODELS
NobleSeal® TS	Dal-Seal TS
NobleSeal® CIS	Dal-Seal CIS
NobleSeal® SIS	Dal-Sound
Noble Deck™	Dal-Deck
NobleFlex®	NA
ProBase™	NA
AquaBlue™	NA
AquaSeal™	NA

Conditions of Listing:

1. Application is limited to ceramic tile and dimension stone installations on floors, and as shower sub-pans or lining.
2. Outside the scope of this listing are control joints greater than $\frac{1}{8}$ inch (3 mm), and structural cracks and expansion joints with vertical differential movement used with NobleSeal® TS, NobleSeal® CIS, NobleSeal® SIS, Noble Deck™, NobleFlex®, ProBase™, AquaBlue™ and AquaSeal™ membranes.
3. Noble Company's NobleSeal® TS, NobleSeal® CIS, NobleSeal® SIS, Noble Deck™, NobleFlex®, ProBase™, AquaBlue™ and AquaSeal™ membranes are manufactured under a quality control program with annual surveillance inspections by ICC-ES.