



March 16, 2020

# ULTRASEAL® AB WATERPROOFING MEMBRANE

## SUBSTITUTING ULTRASEAL® AB FOR ULTRASEAL® BT/SP

Last year, CETCO announced it's newest waterproofing technology, ULTRASEAL® AB waterproofing membrane with Adhesive Bond technology. Enhancements include the addition of an advanced bond coating for improved adhesion to concrete, and the elimination of the two-membrane system for below-grade applications.

ULTRASEAL AB is a unique waterproofing membrane comprised of a polyethylene liner and chemical bond layer integrally encapsulating an advanced Active Polymer Core (APC). The hydrophilic active polymer core (APC) layer swells and seals against water ingress while the advanced bonding layer locks the membrane composite to the outer surface of the concrete and prevents lateral water migration. Thus, this advanced membrane combines multiple proven technologies into one membrane to provide superior waterproofing performance.

Unlike previous versions, requiring two separate membranes, the improved ULTRASEAL AB covers most below-grade conditions including, but not limited to, underslab, property-line, and backfilled cast-in-place concrete wall applications. The use of a single membrane eliminates the need to keep separate products on site, streamlining the installation. In addition to bonding the membrane to concrete, the chemical bonding layer provides pre-hydration protection for the APC while the waterproofing membrane is left exposed during construction. The result is exceptional construction site survivability.

Installation guidelines remain largely unchanged. Install ULTRASEAL AB with the adhesive coating side facing toward the concrete to be waterproofed; with prompt placement of concrete or compacted backfill following the membrane installation. ULTRASEAL AB is available in 1.2 m x 7.6 m (4' x 25') rolls which is unchanged from previous iterations. ULTRASEAL AB can be substituted for all applications that ULTRASEAL BT/SP was previously used except to waterproof below-grade masonry block foundation walls, nor is it recommended for use on podium decks and greenroofs.

As a result of this addition, ULTRASEAL BT/SP will be manufactured until depletion of raw materials, and offered on a very limited basis, requiring a 6-8 week lead time and orders for full truckload quantities. ULTRASEAL AB can be used concurrently with ULTRASEAL BT/SP for any ongoing projects with design team approval. For more information regarding these changes or additional product recommendations please contact your local CETCO Technical Sales Manager or Sales Representative.



ULTRASEAL AB

