



**MnDOT Bridge Office**  
**3485 Hadley Avenue North**  
**Oakdale, MN 55128**

December 03, 2020

Renee Thomas  
Sr. Engineer & DOT Manager  
Adhesives Technology Corp.  
450 E. Copans Rd.  
Pompano Beach, FL 33064

Greetings,

This letter is to inform you that ULTRABOND HYB-2CC has been reviewed and provisionally approved for use on MnDOT projects and will be placed on the following Approved/Qualified Products Lists:

- Concrete anchorages – reinforcing bar applications
- Concrete anchorages – threaded rod applications

Concrete anchorages – reinforcing bar applications

The above mentioned product is approved for use in reinforcing steel applications for bar sizes from #4 to #10. Bar sizes outside this range are not reviewed as part of this process and are therefore not approved. At this time, continuous inspection is not part of our project specifications, therefore, ULTRABOND HYB – 2CC is not approved for use in sustained tension applications. This product is not approved to be installed using core drilling.

Concrete anchorages – threaded rod applications

The above mentioned product is approved for use in threaded rod applications for threaded rod application for threaded rod sizes from ½" diameter to 1 ¼" diameter. Rod diameters outside of this range are not part of the approval process and are therefore not approved for use. At this time, continuous inspection is not part of our contract requirements, therefore, sustained tension applications are not permitted as part of this approval. This product is not approved to be installed using core drilling. It will be placed on the list of adhesives shown to meet a uncracked bond strength of at least 1.5 ksi and a cracked bond strength of at least 0.75 ksi.

Feel free to contact me if you have any questions.

Sincerely,

Joe Black, Structural Wall Engineer

CC:

*Equal Opportunity Employer*

December 21, 2020

Renee Thomas  
Adhesives Technology Corp.  
450 E. Copans Rd.  
Pompano Beach, FL 33064

Ms. Thomas,

The Minnesota Department of Transportation (MnDOT), Office of Materials and Road Research, has reviewed the documentation you submitted for approval. Your product Ultrabond HYB-2CC has been added to the approved products list for "Concrete Anchorages (Non-Bridge Applications)", per ASTM C 881 and the pull-out test conforming to ASTM C488.

Please note that it is the manufacturers' responsibility to immediately notify MnDOT, if the chemical formation of any product is changed or modified, or if the product is no longer being produced. If our testing determines that the chemical formation has changed, without prior notification from the manufacturer, the product may be removed from the approved product list.

All of our approved products are located on the MnDOT Approved/Qualified Products web site at <http://www.dot.state.mn.us/products/concrete/concreteanchorages.html>.

Please contact me with any comments or concerns.

Sincerely,

Assistant Concrete Engineer

CC: