JENSEN HUGHES

April 30, 2024

Mr. Keith Nelson
DuPont Building Performance Solutions
1501 Larkin Center Drive
Midland, MI 48642

RE: Allowable BASF SPF Products in Thermax™ Exterior Wall Assemblies Complaint with NFPA 285
Jensen Hughes Project No. 1JJB05306.011

Dear Mr. Nelson,

Jensen Hughes has prepared four engineering analysis reports describing various exterior wall constructions demonstrating compliance with NFPA 285, *Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components*, constructed using the DuPont™ Thermax™ Brand Rigid Insulation and a nominal 2.0 lb/ft^3 density closed cell spray polyurethane foam (cc SPF) insulation material installed within the base wall stud cavities. These four engineering analysis reports are:

- "DuPont™ Thermax™ With or Without BASF SPRAYTITE® 81206 or Walltite LWP Spray Polyurethane Foam - Various NFPA 285 Complying Exterior Wall Constructions," Jensen Hughes Report No. 1JJB05306.011, dated February 4, 2022.
- "NFPA 285 Compliant Exterior Wall Constructions Incorporating DuPont™ Thermax™ and Spray Polyurethane Foam (SPF) with Combustible Claddings," Jensen Hughes Report No. 1JJB05306.011, dated December 23, 2022.
- "NFPA 285 Compliant Exterior Wall Constructions Incorporating DuPont™ Thermax™ and Spray Polyurethane Foam (SPF) with Non-Combustible Claddings (Revision 3)," Jensen Hughes Report No. 1JJB05306.011, dated January 30, 2023.
- "NFPA 285 Compliant Exterior Wall Constructions incorporating 4¼-inch Thick DuPont™ Thermax™ and Spray Polyurethane Foam (SPF) with Non-Combustible Claddings," Jensen Hughes Report No. 1JJB05306.011, dated January 30, 2023.

The BASF cc SPF products referenced in these reports included SPRAYTITE® 81206, Walltite PLUS, and Walltite LWP.

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DuPont recently conducted a successful NFPA 285 test of an exterior wall assembly constructed with the BASF Walltite MAX cc SPF applied within the base wall stud cavities and against the interior side of the DuPont Thermax™ Brand Rigid Insulation with an ACM exterior cladding material.

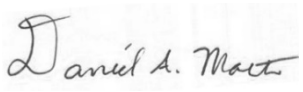
BASF has updated and consolidated their cc SPF product line and the current cc SPF products are the Walltite LWP and Walltite MAX cc SPF products.

Based on proprietary testing and analysis conducted by Jensen Hughes on behalf of BASF, it was concluded that the Walltite LWP and Walltite MAX cc SPF products have similar fire performance characteristics when assessed under the criteria of NFPA 285. Additional analysis further indicated that the Walltite LWP and the Walltite MAX cc SPF products have similar fire performance characteristics as the older SPRAYTITE® 81206 and Walltite PLUS cc SPF products.

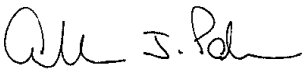
Based on the successful NFA 285 testing conducted and the cc SPF analyses referenced above, it was concluded that the BASF Walltite LWP and Walltite MAX cc SPF products can be used in wall constructions described in the four DuPont Thermax™ engineering analysis reports referenced above and the wall constructions will maintain compliance with NFPA 285.

Jensen Hughes appreciates the opportunity to assist DuPont Building Performance Solutions. If you have any questions, please contact us at (443) 313-9891 or aparker@jensenhughes.com.

Sincerely,



Daniel A. Martin, PE, CFEI, CVFI
Lead Fire Protection Engineer



Arthur J. Parker, P.E.
Principal Fire Protection Engineer

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