

## **WALLTITE® CM01 & XL01** **and Ultraviolet (UV) Exposure Info**

To whom it may concern:

This memo is in response to BASF Walltite contractor's inquiry concerning the WALLTITE® CM01, and WALLTITE® XL01 spray polyurethane foam (ccSPF) exposure to ultraviolet (UV) prior to covering with cladding.

In the WALLTITE CM01 technical data sheet "Features and Benefits" section, you will find the statement – "Durability: WALLTITE CM01 can be installed and left without any cladding for up to 6 months." WALLTITE CM01 cures to a dark purple surface. During exposure to sun light (UV), the surface of the foam will quickly dull to light grey and eventually to a yellow finish. This colour change only occurs on the surface of the foam, once the surface is scratched, purple foam will be exposed that can be used to identify an installation of WALLTITE CM01. This surface phenomenon does not have a major impact on the overall product's physical characteristics or performance. Elements such as snow, ice or moisture will also not have a major impact on the SPF. Slight amounts of surface moisture will dry when the drying conditions occur after such events as a rainfall.

Due to construction delays it is common to have foam on the exterior of a building be left exposed for extended periods, but care must be given. Although certain physical properties such as air leakage, vapor permeance, density, tensile strength, and dimensional stability may not be dramatically affected by 6 months of UV exposure, it is recommended that the product be protected as soon as is reasonably possible. Prolonged direct exposure to UV and the exposure to weather may result in reduced thermal values. The objective should be to enclose or protect the SPF application as soon as possible, up to a maximum of 6 months. Should you know ahead of time that a project must be exposed for longer than 6 months, the SPF can be covered with a UV resistant coating to help protect it from the UV rays, as well as the elements.

Please do not hesitate to contact your local BASF technical support representative regarding questions you may have about the content in this letter.

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Revision: 2021-10-21

