

CERTIFICATION LETTER

We certify that Vulkem<sup>®</sup> 116+catalyst (was known as Vulkem 227) has been tested against ASTM C 920, Standard Specification for Elastomeric Joint Sealants and does conform to the specification requirements and is classified as follows:

Type: M (Multi-Component)  
Grade: NS (Non-Sag)  
Class: 25 (+/- 25% joint movement)  
Use: NT (Non-Traffic)  
T (Traffic)  
M (Mortar)  
A (Aluminum)  
O (Other)  
I (Immersion Service – Class 2).

We further certify that Vulkem<sup>®</sup> 116+catalyst (was known as Vulkem 227) conforms to the requirements of Federal Specification TT-S-00227E, Type II, Class A

Vulkem<sup>®</sup> 116+catalyst may be used in official establishments operating under the **United States Department of Agriculture** Federal Meat and Poultry products inspection program. Tremco certifies Vulkem<sup>®</sup> 116+catalyst meets the compositional requirements for use in USDA regulated facilities for situations involving incidental food contact provided the sealant be used in a manner that prevents indirect contamination of edible products. The sealant must be allowed to cure according to manufacturer's recommendations prior to any indirect food contact. The sealant does not contain antimony, arsenic, cadmium, selenium, carcinogens, mutagens or teratogens.

Vulkem<sup>®</sup> 116+catalyst has been approved by the **City of Los Angeles (COLA)** Department of Building and Safety under research report number RR24174.