INSTALLATION ADVISORY

CARLISLE SYNTEC SYSTEMS

June 30, 2016

To: Carlisle SynTec Systems' Authorized Applicators

Attention: Foremen and Project Supervisors

Re: Improvements to EPDM x-23 Low-VOC Bonding Adhesive

Carlisle SynTec Systems is pleased to announce that its newly formulated EPDM x-23 Low-VOC Bonding Adhesive is significantly more resistant to gelling in cold weather than the original formula. EPDM x-23 Low-VOC Bonding Adhesive has several performance advantages, including superior strength characteristics, a longer open time, and excellent adhesion to walls.

Carlisle completed testing in which room-temperature, five-gallon pails of various adhesives were placed in a 20°F freezer to see how long it would take the materials to gel. As the testing data below demonstrates, Carlisle's newly formulated EPDM x-23 Low-VOC Bonding Adhesive is significantly more resistant to gelling than the original formula.

Days to gel: room-temperature, five-gallon pails at 20°F	
EPDM x-23 Low-VOC Bonding Adhesive (original formula)	1-1.5 days
Carlisle's Low-VOC Bonding Adhesive (EPDM/TPO)	4 days
Competitor's Low-VOC Bonding Adhesive	4 days
EPDM x-23 Low-VOC Bonding Adhesive (new formula)	6 days

Carlisle still recommends storing EPDM x-23 Low-VOC Bonding Adhesive between 60-80°F and mixing prior to use. Should the bonding adhesive gel, it can be thawed by bringing the pail up to 75°F or higher for a period of 24 hours.

Carlisle began producing its newly formulated EPDM x-23 Low-VOC Bonding Adhesive in November, 2015; this material will have lot numbers 3035 and greater (303 = 303rd day of the year and 5 = 2015). Lot numbers ending in 6 indicate that the material was made in 2016 using the new formulation.

If you have any questions, please contact your Carlisle SynTec Systems Manufacturer's Representative.

Sincerely,

Donald J. Goodman

Marketing Manager, EPDM Roofing Systems

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