

TECHNICAL SERVICES BULLETIN

**TO: ELEVATE™ APPLICATORS
ELEVATE DISTRIBUTORS
ELEVATE SALES REPRESENTATIVES**

August 2023

RE: EXPANDED INSULATION FASTENING & RUBBERGARD™ MAX ATTACHMENT OPTIONS

As announced in the recent Marketing Bulletin, Holcim Solutions and Products Canada, a Division of Lafarge Canada Inc. has introduced a standalone Number 12 (#12) insulation fastener to be used in conjunction with the Elevate Insulation Fastening Plate (TIS 1106) in warranted Elevate roofing systems. The standalone #12 fastener is identical to the #12 fastener that already comes pre-assembled with the Insulation Fastening Plate (TIS 1003).

Contractors who prefer to purchase the pre-assembled #12 may continue to do so, but those who prefer to purchase the new #12 fastener and plate separately will have this option. All Elevate #12 fasteners are FM-approved.

Approved Uses of Elevate #12 Insulation Fasteners

Use of #12 insulation fasteners is approved into steel and wood decks for Mechanically Attached and Adhered applications using the appropriate plates for wind speeds up to 120 MPH for qualifying systems. See the Technical Information Sheet for the specific fastener for application instructions.

Approved Fasteners and Plates for Insulation Attachment*			
TIS	Fastener	Deck Type	
		Steel	Plywood/OSB/Wood Plank
1003	Pre-Assembled #12 Fastener and Plate	✓	✓
1007	AP AccuTrac® Kits (#12 Fasteners and insulation Plate)	✓	✓
1013	IsoFast™ #12 Belted Fasteners and Insulation Plates	✓	✓
1026	#12 Insulation Fastener (NEW)	✓	✓
1106	Insulation Fastening Plate	✓	✓

*Elevate #12 insulation fasteners and plates are also approved for Base Sheet attachment into steel and wood decks.

Standard Attachment Rates of Insulation (Per 4'x8' Board)		
Approved Systems	Deck Type and Minimum Fastening Rate	
	Steel	Plywood/OSB/Wood Plank
Mechanically Attached Systems	5	5
Adhered Systems	8	8

Elevate #12 fasteners and insulation plates may be used in new construction, full or partial tear-off, and re-cover applications at the listed rates. Elevate All-Purpose (TIS 1001), Heavy-Duty (TIS 1002), and Heavy Duty Plus fasteners are approved for insulation attachment in all warranted applications. Consult the appropriate building code authority to ensure compliance with re-roof requirements.

All-Purpose Fasteners Approved For In-Seam Attachment of RubberGard MAX EPDM

Elevate All-Purpose Fasteners are acceptable for membrane attachment of RubberGard MAX (60-mil minimum) into steel and wood decks in combination with the Elevate V-Plate (TIS 1103) using 60-mil membrane (minimum) in 10' rows fastened at 6" o.c. Re-roof and re-cover projects require validated pull tests to use All-Purpose fasteners for attachment of RubberGard MAX. Pull test results and other project characteristics may call for alternate attachment methods or fastening rates.

All-Purpose Fasteners are **NOT** approved for attachment of non-reinforced RubberGard EPDM, UltraPly™ TPO, or Elevate PVC or Elevate PVC KEE membranes, either in conventional in-seam attachment or in InvisiWeld™ applications.

Refer to the Elevate Attachment Guide and Design Guides available in the Documents section of www.holcimelevate.com or contact your Holcim Regional Technical Coordinator at 1-888-292-6265 for additional information. When performance validation is required for insurance or specification purposes, the fastening method and rate must meet or exceed those in the listed assembly. Please note that not all warrantable assemblies are listed with agencies like FM or UL, and not all listed assemblies are warrantable. Warranty terms up to 30 years and inclusion of hail or increased wind speed coverage may require alternate fastening methods or rates.

Sincerely,

Yogesh Bhowany
Technical Services & Training Manager
Holcim Building Envelope
Holcim