Design Guideline 017329
Roofing Materials Cutting & Patching

Scope

Scope: Cutting and patching of roofing.

Related Sections

U-M Design Guideline Sections:
6.0 DG 075000 Roofing Systems and Accessories

U-M Master Specification Sections:
7.0 MS 017329 Cutting and Patching (A digitally accessible version is pending; please email AEC-Digital Accessibility Support if assistance is needed)

Reference Documents:
National Roofing Contractor's Association "Roofing and Waterproofing Manual"

Design and Installation Requirements

Important considerations to remember when specifying roofing cutting and patching are:

Warranty patching work must be performed in a manner which will not void the manufacturer's warranty. Installers must be licensed by the roofing manufacturer to perform patching work.
All AEC/ Construction Services improvement projects affecting newer roofs within the first 2 years of installation shall contact the original installers. They carry the 100% labor/ materials repairs. After 2 years the contractor shall be a licensed applicator for the manufacturer for the remaining years on the roof warranty. Design Manager shall provide existing roofing system manufacturer and warranty information.

For asbestos test cuts, workers must have certification for asbestos sampling. Contact EHS for coordination and procedures.

The roofing contractor shall provide min. 2 year workmanship warranty for patching. Include the following information in project specifications:

Quality Assurance article of the cutting and patching specification:

> Installer Qualification:
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> Arrange for cutting and patching of roofing systems by firms experienced in similar work, and licensed by the manufacturer of roofing systems to perform required repair work.

Pre-Construction Conference:

Contractor to arrange, through the Construction Manager and attend a meeting with a representative of the roofing firm to determine procedures for cutting and patching the roofing system.

In the "Part 2 - Products" portion of cutting and patching specification, include your standard language conveying the following ideas:

Use materials for patching identical to existing materials. Use materials for patching that result in equal-or-better performance characteristics.

In the "Part 3 - Execution" portion of cutting and patching specification, include the following requirement:

Before cutting and patching roofing materials, obtain the Construction Managers approval to proceed.