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1. Method 1: Activate “Show/Hide ¶” to reveal formatting symbols. The default shortcut for this setting is ctrl+* (ctrl+shift+8).
2. File > Options > Display, Check “Hidden Text.”

Specifier Note: This guide specification has been prepared using the CSI® (Construction Specification Institute) *MASTER FORMAT*® 2018 Edition.

The purpose of this guide specification is to assist the specifier in correctly specifying sealant products and execution. The specifier needs to edit the guide specifications to fit the needs of specific projects. Editable text fields are highlighted in orange for visibility. Contact a Henkel OSI® Specialist to assist in appropriate product selections.

This guide is for residential, light commercial, and commercial flashing applications in conjunction with weather barrier assemblies. These high-performance flashing membranes are designed to help stop the passage of bulk water and airflow movement and are vapor non- permeable. OSI® QUAD® Butyl Flash residential, light commercial and commercial flashing offers protection for the building envelope by providing a water-resistant barrier around penetrations and rough openings.

This flexible flashing is specifically designed for above grade, vertical wall surface openings or penetrations where the wall assembly may consist of any of the following: exterior-grade or glass-faced gypsum sheathing, exterior plywood sheathing, oriented strand board (OSB) sheathing, liquid applied membranes, and masonry wall construction.

DISCLAIMER: This Henkel Corporation Guide Specifications has been written as an aid to the professionally qualified specifier and design professional. The use of this guideline specification requires the sole professional judgment and expertise of the qualified specifier and design professional to adapt the information to the specific needs for the building owner and the project, to coordinate with their construction document process, and to meet all the applicable building codes, regulations, and laws. HENKEL EXPRESSLY DISCLAIMS ANY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE OF THIS PRODUCT FOR THE PROJECT.

OSI® QUAD® BUTYL Flash: Butyl Window & Door Flashing Tape
SECTION 07 65 26 – Self-Adhering Sheet Flashing

PART 1 GENERAL

1.01 SUMMARY (Specifier Note: edit the following [A. This section includes the following] to meet project specific project applications and conditions.)

- A. This section includes the following:
1. Application of self-adhering sheet flashing for use in window and door flashing applications.
- B. RELATED SECTIONS: (Specifier Note: edit the following [B. RELATED SECTIONS] to meet project specific applications and conditions. Specify section numbers in accordance with CSI MASTER FORMAT and section titles referenced. Remove any of the following that do not apply.)
1. 01 00 00 General Requirement
 2. 04 20 00 Unit Masonry
 3. 06 10 00 Rough Carpentry
 4. 07 10 00 Dampproofing and Waterproofing

- 5. 07 21 00 Thermal Insulation
- 6. 07 26 00 Vapor Retarders
- 7. 07 27 00 Air Barriers
- 8. 07 65 00 Flexible Flashing
- 9. 07 90 00 Joint Protection
- 10. 07 92 00 Joint Sealants
- 11. 08 00 00 Openings

1.02 REFERENCES

- A. ASTM International
 - 1. ASTM E2112 – Standard Practice for Installation of Exterior Windows, Doors and Skylights
 - 2. ASTM D1970 – Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
 - 3. ASTM D3330 – Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape

- B. American Architectural Manufacturers Association (AAMA)
 - 1. AAMA 711-07; Voluntary Specifications for Self-Adhering Flashing used for Exterior Wall Fenestration Products
 - 2. FMA/AAMA 100 – Standard Practice for the Installation of Windows with Flanges or Mounting Fins Wood Frame Construction for Membrane Drainage Systems
 - 3. FMA/AAMA 300 – Standard Practice for Installation of Exterior Doors in Wood Frame Construction for Extreme Wind/Water Exposure

1.03 SUBMITTALS

- A. Refer to section 01 33 00 – Submittal Procedures ([Specifier Note: Delete all that do not apply or have not been submitted.](#))
 - 1. 01 33 13 – Certificates
 - 2. 01 33 16 – Design Data
 - 3. 01 33 19 – Field Test Reporting
 - 4. 01 33 23 – Shop Drawings, Product Data, and Samples
 - 5. 01 33 26 – Source Quality Control Reporting
 - 6. 01 33 29 – Sustainable Design Reporting

- B. Product Technical Data: Submit most current manufacturer technical literature for each type of product used including the following, but not limited to:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

- C. Samples: All products specified. Verify performance criteria and installation procedure.

- D. Quality Assurance Submittals
 - 1. Manufacturer Instructions: Provide manufacturer’s written installation instructions.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications:
1. Installer to comply with quality assurance articles referenced in ASTM E2112 for installation of self-adhering sheet flashing.
 2. Installer shall have documented OSI® QUAD® Window and Door System Certification with the installation of OSI® QUAD® Window and Door System.
 3. Installation shall be in accordance with manufacturer's installation guidelines and recommendations.
 4. Installer shall have documented history of successful project execution and installation of said product.
- B. Pre-Construction Mock-Up: (Specifier Note: Mock-ups are recommended for all projects using OSI® QUAD® Butyl Flash. Mock-up requirement will likely be included in the specification section for the wall cladding and/or windows. Include OSI® QUAD® Butyl Flash as part of the required mock-up.)
1. Install mock-up prior to installation using OSI® QUAD® Butyl Flash self-adhering flashing tape including surface preparation per self-adhering flashing tape manufacturer's instructions. Obtain Architect/Engineer/Consultant or Owner's approval of joint treatments to establish adhesion, appearance, and workmanship standard.
 - a. Mock-Up Size: insert mock up dimensions
 - b. Mock-Up Substrate: insert substrate vertical surfaces as agreed to prior to Mock-up installation.
 - c. Maintain mock-up during construction for workmanship standard.
 - d. Mock-up to be incorporated into final construction upon Architect/Engineer/Consultant/Owner's written approval.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store, handle, and protect all products in accordance with Section 01 60 00, Product Requirements. (Specifier Note: Review the following. Delete all that do not apply.)
1. 01 61 00 – Common Product Requirements
 2. 01 64 00 – Owner-Furnished Products.
 3. 01 65 00 – Product Delivery Requirements
 4. 01 66 00 – Product Storage and Handling Requirements
 - a. 01 66 13 – Product Storage and Handling Requirements for Hazardous Materials
 - b. 01 66 16 – Product Storage and Handling Requirements for Toxic Materials
- B. Deliver all OSI® QUAD® Butyl Flash materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Comply with manufacturer's ordering instructions and lead-time(s) required to avoid construction delays.

- D. Store OSI® QUAD® Butyl Flash materials as recommended by manufacturer. Refer to manufacturer Technical Data Sheet (TDS) available at www.ositough.com.

1.06 PROJECT CONDITIONS

A. Environmental Requirements:

1. Verify substrates and ambient air temperature at project site before, during, and after application to assure compliance with manufacturer's recommendations.
 - a. Weather Conditions:
 - i) Apply in accordance with manufacturer's instructions. Refer to product Technical Data Sheets (TDS) available at www.ositough.com.
 - ii) Compliance: Follow manufacturer's specific safety, health and environmental recommendations per most recent Safety Data Sheets, technical bulletins, and instructions. Handle all solvents in compliance with applicable EPA, OSHA, and VOC requirements regarding health/safety standards.

1.07 WARRANTY

A. OSI® Limited Warranty:

1. OSI® products are warranted by Henkel Corporation to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty – express or implied – including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This Limited Warranty gives you specific legal rights, which vary from state to state.
 - a. For warranty assistance, contact Henkel at 1.800.624.7767 M-F 9:00 AM to 4:00 PM ET.
2. Submit manufacturer's limited warranty at completion for projects that meet criteria to receive Manufacturers Limited Warranty.
 - a. Limited Warranty Areas: insert limited warranty areas per specifier note here (Specifier Note: Use warranty areas for description of work protected and areas of work excluded as required by project conditions.)

PART 2 PRODUCTS (Specifier Note: Product Information is proprietary to OSI® products. If additional products are required for competitive procurement, contact Henkel/OSI® for assistance.)

2.01 MANUFACTURER

A. Approved Manufacturer/Distributor:

1. Henkel Corporation:
 - a. Address: 26235 First Street, Westlake, OH 44145
 - b. Phone: 1-866-591-2178
 - c. Web Address: <http://www.ositough.com>.

2.02 MATERIALS (Specifier Note: When specifying brick mold windows contact Henkel/OSI® Specialist for additional instructions)

- A. Description: OSI® QUAD® Butyl Flash – rubberized, butyl backed, self-adhering flashing tape:
1. Appearance:
 - a. Face material: Black High Density Polyethylene (HDPE)
 - b. Face color: Black with printed logo
 2. Adhesive composition: Rubberized butyl adhesive
 3. Thickness: 19-22 mil.
 4. Release Liner: 1-piece polymer film
 5. Dimensions:
 - a. 4in. X 75ft.
 - b. 6in. X 75ft.
 - c. 9in. X 75ft.
 6. Shelf Life: 12 months from date of manufacture
- B. Application Properties:
1. For best performance install in conditions and to substrates above 25°F (-4 °C)
 - a. Cold weather applications may require use of a spray adhesive to promote adhesion
- C. Performance Properties
1. Service Temperature: -30°F (-34°C) to 200°F (93°C)
 2. UV Resistance: 120 days maximum exposure.
 3. Peel Strength (ASTM D 3330 METHOD F):
 - a. Plywood: ≥1.5 lb./in
 - b. OSB ≥1.5 lb./in
 - c. PVC ≥ 1.5 lb./in
 - d. House wrap ≥ 1.5 lb./in
 - i) AAMA 711 – 20 Section 4.6, 16.0 – Passed
 4. Water Penetration Resistance Around Nails (ASTM D1970):
 - a. AAMA 711-20 Section 5.2.1 – Passed

2.03 ACCESSORIES

- A. General:
1. Verify compatibility of any product that makes physical contact with or is used in combination with OSI® QUAD® Butyl Flash.
- B. Product Specific Application Equipment & Tools: (Specifier Note: Remove sections below that do not apply to project specific conditions. Include additional sections that aren't explicitly outlined below but are part of project scope and conditions.)
1. Utility Knife
 2. "J-Roller"
 3. Measuring tools
- C. Adhesive Primers: Use primers only as recommended by self-adhered flashing tape manufacturer where required for adhesion of flashing tape adhesive to the substrates indicated and as determined for use from pre-construction mock-up testing. (Specifier Note: Edit the following. Installer shall use manufacturer approved adhesive primer and verify compatibility. Specify manufacturer approved primer below. Delete this section if primer is not specified.)

1. Specify manufacturer approved adhesive primer.
- D. Joint Sealant: Use manufacturer approved joint sealant that complies with ASTM C920: elastomeric polymer sealant to maintain watertight conditions. (Specifier Note: Edit the following. Installer shall use manufacturer approved joint sealant and verify compatibility. Specify manufacturer approved joint sealant below. Delete this section if joint sealant is not specified.)
1. Specify manufacturer approved joint sealant.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify substrate and surface conditions are in accordance with self-adhering flashing tape manufacturer recommended tolerances prior to installation.
- B. Review requirements for sequencing the installation of self-adhering flashing tape with installation of windows, doors, louvers, and wall penetrations to provide a weather-tight flashing assembly.

3.02 PREPARATION

- A. General:
 1. Installer shall refer to manufacturer approved installation instructions and individual product Technical Data Sheets (TDS) for required environmental installation conditions and surface/substrate preparation. www.ositough.com

3.03 FIELD QUALITY CONTROL

- A. Notify manufacturer's designated representative to obtain periodic observations of self-adhering flashing tape installation.
- B. Field Adhesion testing is recommended for unverified or unapproved substrates. Contact designated manufacturer representative for consultation.

3.04 INSTALLATION

- A. General:
 1. For comprehensive installation instruction, refer to **OSI® INSTALLATION GUIDE**.
 - a. [Follow this link to download the OSI® Installation Guide](#)
 - i) Contact Henkel Sales Representative for any additional assistance with the *OSI® Installation Guide*, training, and installation scenarios not explicitly outlined within *OSI® Installation Guide*.
 - ii) For additional information refer to product Technical Data Sheets (TDS) available at www.ositough.com.

3.05 PROTECTION

- A. For additional information refer to product Technical Data Sheets (TDS) available at

www.ositough.com.

END OF SECTION