MASTER SPECIFICATION 07 65 00

 Flexible Flashing

**SECTION 07 65 00**

**SELF ADHERRING BUTYL RUBBER SHEET FLASHING**

**PART 1 - GENERAL**

* 1. SUMMARY
1. Butyl rubber membrane flashing

EDIT RELATED SECTIONS TO INCLUDE ONLY SECTIONS IN PROJECT MANUAL

1. Related sections:
2. 04 05 23 Masonry Accessories
3. 04 21 13 Brick Masonry
4. 04 22 00 Concrete Unit Masonry
5. 04 04 23 Architectural Concrete Unit Masonry
6. 04 42 00 Exterior Stone Cladding
7. 04 72 00 Cast Stone Masonry
8. 05 40 00 Cold Formed Metal Framing
9. 01 10 00 Rough Carpentry
10. 07 11 10 Damp-proofing
11. 07 60 00 Flashing and Sheet Metal
12. 07 65 00 Flexible Flashing
	1. REFERENCES
13. Standards of the following as referenced:
14. ASTM
15. Brick industry Association (BIA)
16. Recycled content & Recyclability
17. Industry standards:
18. BIA technical Notes on Brick Construction No. 7, Water Penetration Resistance- Design and detailing, August 2005
19. BIA Technical notes on Brick Construction No. 28B, Brick Veneer/Steel Stud walls, August 2005

1.03 DEFINITIONS

A. Terms:

 1. Cavity wall flashing: same as flexible flashing

 2. Foundation sill flashing: same as flexible flashing

 3. Flexible flashing: water-proofing material typically used in a cavity wall construction to assist in the

MASTER SPECIFICATION 07 65 00

 Flexible Flashing

 proper drainage of water that may penetrate a wall system veneer. Note that other materials may be

 required to constitute a system.

4. Head and sill flashing: same as flexible flashing

5. Through-wall flashing: typically considered the same as flexible flashing but can atypically refer

 to a full width cap flashing under wall caps or coping

1.04 SUBMITTALS

1. Product Data: Indicate material type, composition, thickness and installation procedures
2. Samples: 3” x 5” flashing material
3. (SDS) Safety Data Sheets
4. Product Quality and Environmental submittals:
5. Indicate that material supplied are asbestos free
6. Indicate re-cycled content: a minimum of 7% based on both Post Industrial and Post- Consumer Recycled Content

1.05 QUALITY ASSURANCE

A. Qualification:

1. Manufacturer: Flashing materials are to be provided by a single manufacturer with no less

 than 25 years of experience in manufacturing flexible flashing products

1.06 WARRANTY

A. Limited warranty

1. Provide manufacturer’s standard 15 (fifteen) year material warranty

**PART 2 – PRODUCTS**

2.01 MANUFACTURED UNITS

1. Flexible flashing
2. Products of manufacturers listed below meeting indicated standards and manufacturer’s product data, except as modified below, are acceptable for use, subject to compliance within specified requirements.
3. Product standard of quality:
4. Clark Hammerbeam Corporation; HYDRO-BAR Butyl
5. Tremco; EXOAIR 110AT
6. Other products which meet the criteria in section 1.04 and 1.06
7. Characteristics:

MASTER SPECIFICATION 07 65 00

 Flexible Flashing

1. polyethylene facer coated with 100% butyl rubber compound
2. 20 mils
3. Sizes: Standard manufacturer’s width rolls

2.02 ACCESSORIES

A. Sealant/Mastic: Product standard of quality is Clark Hammerbeam Corporation; QUIK SET Sealant

 1. Characteristics: Type- 100% solids, solvent free silyl-terminated polyether, ASTM C 920- 11

 Grade NS, Class 50

B. Primer: Product standard of quality is Clark Hammerbeam Corporation; BOND-N-FLASH Primer

 1. Characteristics: Water-based, VOC- 0. /gL

C. End Dam: product is to be folded in line with flashing material

D. Inside and Outside Corners: Product is to be double layered

**PART 3 – EXECUTION**

3.01 INSTALLATION

 A. General:

1. Install where specified or required in accordance with flashing manufacturer’s instructions and as the following indicates:

2. Extend flashing 6” minimum beyond the opening. Fold flashing ends at end of opening the openings or horizontal flashing terminations to form an end dam.

3. Flashing width: Use required width starting ½ inch from outside face of the exterior wythe, extending through cavity, rising height required to extend above lintel steel at least 2 inches. Splice end joints by overlapping them at least 4 inches. Seal lap edge only with a compatible sealant.

4. Masonry back up:

a. Surface apply after damp-proofing installation specified in Damp-proofing Section in accordance with manufacturer’s installation instructions.

b. Fasten the top of the flashing to the back-up wall with a non-corrosive termination bar and seal the horizontal top edge with a compatible sealant.

 5. Stud back-up with sheathing:

Fasten the top of the flashing to the back-up wall using a non-corrosive termination bar and seal the horizontal top edge with a compatible sealant.

 6. Concrete backup:

a. Surface apply the flashing after the damp-proofing installation specified in the Damp-proofing Section in accordance with the manufacturer’s installation instructions. Note: Damp-proofing must be fully cured prior to flashing installation.

MASTER SPECIFICATION 07 65 00

 Flexible Flashing

b. Fasten the top of the flashing to the back-up wall with a non-corrosive termination bar. Seal the horizontal top edge with a compatible sealant.

 7. Fold ends of flashing at the end of openings to form a dam. Seal with compatible sealant.

 8. Inside and outside corners: Following industry accepted practices using corner and splice material.

 9. Windows: Start with the bottom strip. Install side strips next overlapping the bottom strip. Install header

 Strip. Overlap a minimum of 4 inches. Install header strip underneath any air barrier (house wrap pro-

 duct).

10. Flashing should be covered within a few days of installation to protect from the different trades, falling

 debris or the environment. If flashing is damaged, contact manufacturer for specific repair instructions.

3.02 SCHEDULES

 A. Locations

 1. Window Heads and sills

 2. Exterior door heads

 3. Horizontal control joints

 4. Vertically- changes in veneer materials

 5. Storefront heads

 6. Other wall openings

 7. Other indicated locations

**END OF SECTION 07 65 00**