

SECTION 079200
JOINT SEALERS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Preparing sealant substrate surfaces.
- B. Sealant and joint backing.

1.2 SYSTEM DESCRIPTION

- A. System performance to achieve moisture and air tight joint seals.

1.3 SUBMITTALS

- A. Product Data: Provide data indicating sealant chemical characteristics, performance criteria, substrate preparation, limitations, and colors available.

1.4 QUALITY ASSURANCE

- A. Perform work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.
- B. Perform acoustical sealant application work in accordance with ASTM C919.

1.5 ENVIRONMENTAL REQUIREMENTS

- A. Maintain temperature & humidity recommended by the sealant manufacturer during & after installation.

PART 2 PRODUCTS

2.1 SEALANTS

- A. Exterior Joint Sealant: Two-part, non-sag low modulus polyurethane rubber sealant; ASTM C-920-87, Type M, Grade NS Class 25.
- B. Exterior Threshold Sealant: Single component, solvent release, non-skinning non-sagging sealant. ASTM C-920.
- C. Interior Joint Sealant: One part, non-sag acrylic latex caulking compound. ASTM C834-91.

2.2 ACCESSORIES

- A. Primer: Non-staining type, recommended by sealant manufacturer to suit application.
- B. Joint Cleaner: Non-corrosive and non-staining type, recommended by sealant manufacturer; compatible with joint forming materials.
- C. Joint Backing: ASTM D1056; round, closed cell polyethylene foam rod.
- D. Bond Breaker: Pressure sensitive tape recommended by sealant manufacturer to suit application.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify that substrate surfaces and joint openings are ready to receive work.
- B. Remove loose materials and foreign matter which might impair adhesion of sealant.
- C. Verify that joint backing and release tapes are compatible with sealant.
- D. Perform preparation in accordance with ASTM C804 for solvent release and ASTM C790 for latex base sealants.

3.2 INSTALLATION

- A. Clean joints in accordance with manufacturer's instructions.
- B. Install sealant in accordance with manufacturer's instructions.
- C. Measure joint dimensions and size materials to achieve required width/depth ratios.
- D. Install joint backing to achieve a neck dimension no greater than 1/3 the joint width.
- E. Install bond breaker where joint backing is not used.
- F. Apply sealant within recommended application temperature ranges. Consult manufacturer when sealant cannot be applied within these temperature ranges.
- G. Tool joints concave.

3.3 SCHEDULE

	<u>Location</u>	<u>Type</u>	<u>Color</u>
A.	Window perimeter (Exterior)	A	To match window trim
B.	Vinyl Siding (Exterior)	A	To match siding
C.	Door Frame/Walls-Exterior	A	To match door trim
	Door Frame/Walls-Interior	C	To match door trim
D.	Under Thresholds	B	Black
E.	Toilets, Bathtubs, Showers/Ceramic Tile & Vinyl Flooring	C	White
F.	Joints at Intersections of Dissimilar Materials		To Be Selected by the Architect
	Exterior	A	
	Interior	C	
G.	Countertop Backsplash and Sides	C	To Be Selected by the Architect

END OF SECTION