

**PART 1 GENERAL**

1.1 REFERENCE

- .1 Comply with the General Conditions of the Contract, Supplementary General Conditions and the requirements of Division 1.

1.2 RELATED WORK SPECIFIED ELSEWHERE

- .1 Rough Carpentry Section 06100
- .2 Hollow Metal Doors Section 08100
- .3 Aluminium Doors and Screens Section 08410

1.3 SCOPE OF WORK INCLUDED

- .1 Supply and installation of sealant unless sealant is specified to be included in other Sections.

1.4 SUBMITTALS

- .1 Submit shop drawings in accordance with Section 01340.
- .2 Clearly indicate fabrication details, plans, deviations, hardware and installation details.

1.5 WARRANTY

- .1 Provide a Warranty as stipulated in the General Conditions, but for an extended period of two [2] years from the date of final completion and acceptance of the Work.

**PART 2 PRODUCTS**

2.1 MATERIALS

- .1 **Compliance** : Conform to Canadian Specification CAN 2-19.24-M80, Classification MC-2A, CGSB Qualification No 81029, ULC approved; refer to form no. SJ-411-1. Movement capacity of + - 50 % ASTM Test C 719.

Sealant A: Sonneborn Sonolac Acrylic Latex Caulk  
White, Tremco or equal.

- .2 Sonneborn Sonofoam Soft Backer Rod or equal.

- .3 Sealant for interior locations where conditions of high humidity exist - one part silicone conforming to CGSB 19-GP.22M. Dow Corning 786, CGE 1702 Sanitary Sealant or equal.

**PART 3 EXECUTION**

3.1 PREPARATION AND INSTALLATION

- .1 Clean all joints and spaces to be sealed.
- .2 Install sealant systems when surfaces and ambient temperatures are suitable for the materials used.
- .3 Mask where necessary to prevent contamination of adjacent surfaces.
- .4 Read other sections of specifications for extent of sealing provided by those sections. Do all other sealant application specified or required.
- .5 Install joint backer rods at all locations detailed or where required by manufacturer's written literature.
- .6 Ensure that the correct sealant depth is maintained.
- .7 Joint width = 1/2" Joint depth = 1/4" typical.
- .8 Apply sealant compound using pressure operated guns fitted with suitable nozzles in accordance with manufacturers directions. Apply compound in such a manner as to ensure good adhesion to sides of joints and to completely fill all voids in joints.
- .9 Remove all droppings as work progresses. Make good surfaces that have been marred by sealants.
- .10 Finished joints shall be free of wrinkles, sags, air pockets, ridges and embedded impurities.
- .11 If required by the manufacturer of the sealant, prime joints to prevent staining, to assist the bond, or to stabilize porous surfaces.

3.2 LOCATIONS

**.1 Apply Sealant A at following locations :**

- .1 Perimeter of exterior openings where window, door and wall frames meet exterior envelope of building.
- .2 Junction of metal wall panels and abutting materials.
- .3 Perimeter of all metal sash and abutting materials.
- .4 Continuously at top and underside of metal sills.
- .5 Junction of prefinished sheet metal work and other dissimilar material.
- .6 Around all projections through exterior walls including hose bibs, pipes, and the like.
- .7 Continuously under all sheet metal drips.
- .8 Under precast sills.
- .9 Expansion and control joints ( white BP-0221 ) in exterior surfaces of cast in place concrete.
- .10 Junctions of exposed structural steel and masonry.
- .11 Junction of overhead doors and frames.
- .12 In control and perimeter joints in glass masonry walls.
- .13 Around louvres set in masonry.
- .14 Any exterior location indicated on drawings but not covered by the foregoing.
- .15 Perimeter of metal door frames, aluminum frames, skylight and window frames set in exterior wall or roof, min 1/8" bead.
- .16 Perimeter of windows set into interior walls and or partitions 1/8" or 3/8" bead as detailed.

- .17 Perimeter of interior steel and aluminum door frames, 1/8" bead, or as detailed.
- .18 Around wall projections.
- .19 Control and expansion joints on the interior of exterior cast in place walls.
- .20 Around all millwork sills, backsplashes, stainless steel counter adjacent to vertical wall surfaces to insure water tight seal
- .21 AT ALL JUNCTIONS BETWEEN THE RUBBER FLOORING AND ANY VERTICAL SURFACE ( IE. CONCRETE BLOCK WALL, ALUMINUM / METAL SCREENS, )

END OF SECTION