Part 1 General

1.1 RELATED SECTIONS

.1 Section 08 11 00 – Metal Doors and Frames.

.2 Section 09 65 00 – Resilient Flooring.

1.2 REFERENCES

.1 American Society for Testing and Materials (ASTM).
- .1 ASTM C1518-04(2009), Standard Specification for Precured Elastomeric Silicone Joint Sealants.
- .2 ASTM C1520-02(2010), Standard Guide for Paintability of Latex Sealants.

1.3 QUALITY ASSURANCE

.1 Regulatory Requirements.
- .1 Comply with requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials; and regarding labeling and provision of material safety data sheets acceptable to Labour Canada.

1.4 DELIVERY, STORAGE, AND HANDLING

.1 Deliver all material to site in manufacturer's original unopened packaging with labels clearly identifying product name and manufacturer.

.2 Store materials in a dry, enclosed area protected from exposure to moisture, construction activity, and direct sunlight in strict accordance with manufacturer's recommendations.

.3 Handle all products with appropriate precautions and care as stated manufacturer's instructions.

.4 Cleaning and Waste Management in accordance with Section 01 74 00.

Part 2 Products

2.1 MANUFACTURERS

.1 Acceptable Products.
- .1 Interior Silicone Sealant.
  - .1 Bostik Chem-Calk 600.
  - .2 Dow Corning 786.
  - .3 GE 1700.
  - .4 Sonneborn Sonolastic Omniplus.

.2 Interior Latex Acrylic Sealant.
- .1 GE Acryseal.
- .2 PRC 2000.
- .3 Sternson Acry Flex.
- .4 Sonneborn Sonolac.
- .5 Tremco Tremflex 834.

.2 Substitutions: not permitted.

.3 Supply similar products from single manufacturer.

2.2 MATERIALS

.1 Joint Sealants: as recommended by sealant manufacturer for use with their product on applicable substrates.
- .1 Silicone Sealant: to ASTM C1518 at all locations unless otherwise indicated.
- .2 Interior Latex Acrylic Sealant: to ASTM C1520 for interior joints in surfaces to be painted.

Part 3 Execution

3.1 PREPARATION OF JOINT SURFACES

.1 Examine joint sizes and conditions to establish correct depth to width relationship for installation of joint filler materials and sealants.

.2 Ascertain that sealers and coatings applied to sealant substrates are compatible with sealant used and that full bond between sealant and substrate is attained.

3.2 APPLICATION

.1 Sealant.
- .1 Apply sealants to manufacturer's printed instructions.
- .2 Mask edges of joint where irregular surface or sensitive joint border exists to provide neat joint.
- .3 Apply sealant in continuous beads.
- .4 Apply sealant using gun with proper size nozzle.
- .5 Use sufficient pressure to fill voids and joints solid. Superficial pointing with skin bead is not acceptable.
- .6 Form surface of sealant with full bead, smooth, free from ridges, wrinkles, sags, air pockets, embedded impurities.
- .7 Tool exposed surfaces before skinning begins to give slightly concave shape.
- .8 Remove excess compound promptly as work progresses and upon completion

.2 Curing.

.1 Cure sealants in accordance with sealant manufacturer's instructions.

.2 Do not cover up sealants until proper curing has taken place.

3.3 CLEANING

.1 Clean adjacent surfaces immediately and leave work neat and clean.

.2 Remove excess and droppings, using recommended cleaners as work progresses.

3.4 PROTECTION

.1 Protect installed work from damage during construction.

END OF SECTION