PART 1  GENERAL

1.1 Design Guidelines

1. All joints between dissimilar materials shall be sealed.
2. Provide expansion joints in building systems as required to accommodate expansion and contraction.
3. All joints to be sealed should have an approximate 2:1 width/depth ratio.
4. For re-caulking applications, existing sealant shall be fully removed prior to installation of new work.
5. During sealant installation, a 12” long section of sealant shall be cut out for inspection by the architect, to verify proper depth and joint preparation.

1.2 Performance Standards

2. ASTM C790- Use of Latex Sealing Compounds.
4. Warrantee- Product to be warranted for five years for cohesion and adhesion (labor & materials).
5. Perform work according to manufacturer’s requirements for surface preparation and installation.
6. Installers shall have a minimum of 3 years experience with this type of work.

PART 2  PRODUCTS

2.1 System Description

1. Exterior Building Joint Sealant:
   a. Non-sagging, multi-component polyurethane sealant
   b. Non-sagging, single component silicone sealant
      Silicone sealant is preferred where use is appropriate and desired color is available.

2. Glazing Sealant: see Section 08800.

3. Interior Wet Area Sealant: Mildew resistant silicone sealant.
4. General Interior Sealant: Acrylic latex sealant. At areas where building movement occurs, silicone sealant shall be used. Products with low VOC content are preferred at interior spaces.

5. Accessories: Primer, joint cleaner, joint backer, bond breaker.

2.2 Acceptable Manufacturers

1. Dow Corning
2. Percora
3. Sonneborn
4. Tremco
5. Vulkem