SECTION 079200

JOINT SEALANTS

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**NOTE TO SPECIFIER**

*Use this Specification Section for Mail Processing Facilities.*

***This is a Type 1 Specification with completely editable text; therefore, any portion of the text can be modified by the A/E preparing the Solicitation Package to suit the project.***

*For Design/Build projects, do not delete the Notes to Specifier in this Section so that they may be available to Design/Build entity when preparing the Construction Documents.*

*For the Design/Build entity, this specification is intended as a guide for the Architect/Engineer preparing the Construction Documents.*

*The MPF specifications may also be used for Design/Bid/Build projects. In either case, it is the responsibility of the design professional to edit the Specifications Sections as appropriate for the project.*

*Text shown in brackets must be modified as needed for project specific requirements.* *See the “Using the USPS Guide Specifications” document in Folder C for more information.*

*The last date that USPS revised this standard specification section occurs in two places, at the end of this section and in the Table of Contents. If the date in this section matches the date in the Table of Contents, then you are using the latest version. Do not delete or revise the “last revised” date at the end of the section during the development of the Project Manual.*

*The footer in this section should be edited to replace the text, “USPS MPF SPECIFICATION” with the project name, and the blank date in the center should be replaced with the submission date, for interim design reviews, or the issue date of the completed Project Manual.*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PART 1 - GENERAL

1.1 SUMMARY

1. Sealing of exterior building joints.
2. Sealing of interior partition joints.
3. Sealing of ceramic tile joints.
4. Sealing of joints in exterior paving.

1.2 SUBMITTALS

1. Product Data: Required
2. Samples: Required

1.3 QUALITY ASSURANCE

1. Quality Standards:

1. SWRI (Sealant, Waterproofing and Restoration Institute) requirements for materials and installation.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

1. Exterior building joints: Polyurethane Sealant - single component, chemical curing, non-sagging type, 25 percent elongation capability, manufactured by Pecora, Sika, Tremco or Sonneborn.
2. Interior partition joints: Silicone Sealant - single component, 50 percent elongation capability, manufactured by GE or Dow.
3. Ceramic tile joints: Silicone Sealant - single component, solvent curing, fungus resistant, 25 percent elongation capability, manufactured by GE or Dow.
4. Exterior horizontal traffic joints: Polyurethane Sealant - self-leveling, manufactured by Pecora, Sika, Tremco or Sonneborn.

2.2 ACCESSORIES/MIXES

A. Joint Backing: Round open cell polyethylene urethane foam or butyl rod.

PART 3 – EXECUTION

3.1 Install all products in accordance with manufacturer’s guidelines and printed instructions.

END OF SECTION

USPS MPF Specification Last Revised: 10/1/2022