PART 1 - INTRODUCTION

1.1 PURPOSE

This section contains general design criteria for joint sealers.

PART 2 - GENERAL DESIGN REQUIREMENTS

2.1 SYSTEM DESIGN AND PERFORMANCE REQUIREMENTS

Provide sealants at the intersection of building components—or as part of a system—of a type that will seal the joint properly and that is compatible with the materials to be sealed.

2.2 SUBMITTALS

Warranties must include the labor and materials required to replace sealants that fail because of loss of cohesion or adhesion, or that fail to cure.

2.3 PRODUCT STANDARDS

Interior products must conform to the following standards:

A. ASTM C790 – Recommended Practices for Use of Latex Sealing Compounds
B. ASTM C804 – Recommended Practices for Use of Solvent – Release Type Sealants
C. ASTM C834 – Latex Sealing Compounds
D. ASTM C920 – Elastomeric Sealant
2.4 MANUFACTURERS

Subject to compliance with the design requirements, manufacturers offering products that may be incorporated in the work include, but are not limited to, the following.

A. Pecora Corporation
B. Sonneborn Building Products
C. Tremco • Dow Corning Corporation
D. General Electric Company
E. United States Gypsum
F. EM-Seal Corporation
G. Illbruck Corporation

2.5 MATERIALS

<table>
<thead>
<tr>
<th>Sealant</th>
<th>Description</th>
<th>Location</th>
<th>Products</th>
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| SLNT-1  | Two-component, non-sag, polyurethane with movement capability of ± 50 per cent. Conforming to ASTM C920, Type M, Grade NS, Class 25 non-staining. | Concrete construction, expansion, and contraction joints. Exterior wall joints and control joints. Perimeter of storefront, door frames, and louvers. Miscellaneous exterior caulking and sealing. | • Pecora Dynatrol II  
• Sonneborn Sonolastic NP2  
• Tremco Dymeric |
| SLNT-2  | Self-leveling, two component, non-staining, non-bleeding polyurethane with movement capability of ± 25%. Conforming to ASTM C920, Type M, Grade P, Class 25. | Concrete construction, expansion, and contraction joints. Exterior wall joints and control joints. Perimeter of storefront, door frames, and louvers. Miscellaneous exterior caulking and sealing. | • Pecora, Dynatrol II  
• Sonneborn Sonolastic NP2  
• Tremco Dymeric |
| SLNT-3  | Silicone sanitary sealant, ASTM C920, Type S, Grade NS. Mildew resistant. | Joints between plumbing fixtures and walls. Joints surrounding plastic laminate vanities and counter tops, fixtures, and equipment requiring sanitary sealant. | • Dow 786 mildew resistant silicone sealant  
• GE 1700 Sealant  
• Sonneborn Omniplus |
2.6 ACCESSORIES OR SPECIAL FEATURES

Provide joint cleaner and bond breakers as required and/or recommended by the sealant manufacturer.

2.7 PREPARATION

Clean, prepare, and design joints in accordance with the manufacturer's instructions.

2.8 INSTALLTION GUIDELINES

A. Comply with the sealant manufacturer’s material installation instructions and requirements for the preparation of surfaces.

B. Verify that the physical and environmental conditions for installation are acceptable. Beginning the installation constitutes acceptance of the conditions.

2.9 QUALITY CONTROL

Verify joint dimensions.
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<th>Date</th>
<th>Description of Change</th>
<th>Pages / Sections Modified</th>
<th>ID</th>
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