

SECTION 07 90 00 {07900}

JOINT PROTECTION

{JOINT SEALERS}

This section includes gun grade and pourable sealants, compressible foam sealers, and gaskets for sealing static and dynamic joints and joints between differing materials and components. This section is referenced from many other SPECTEXT sections for both products and installation, to make specifying same types of sealants in many different locations unnecessary.

Generally, sealants that are integral part of installed assembly, rather than forming joint between different assemblies, are not included in this section. An example is sealants used by manufacturer to seal joints between aluminum framing members forming window frame. Other sealants not included are those the manufacturer of the assembly is solely qualified to select, such as sealants within roofing membrane assembly.

This section does not include sealants for roofing, firestopping, glazing, structural sealant glazing, flexible masonry flashing lap sealing, silicone tile grout, or specialized paving joint sealing. See application products section for those applications.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcata.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes sealants and joint backing, [precompressed foam sealers,] [hollow gaskets,] and accessories.

Although many SPECTEXT sections reference this section for both material and installation, listing those sections here is both unnecessary and confusing. List here only sections specifying sealants NOT included in this section, as well as other products closely related to Work of this section. Together, sections listed here and applications listed in PART 2 or in Schedule should cover all uses for sealants on the Project.

B. Related Sections:

1. Section 07 26 00 - Vapor Retarders: Sealants required in conjunction with vapor retarders.
2. Section 07 27 00 - Air Barriers: Sealants required in conjunction with air barriers:
3. Section 07 84 00 - Firestopping: Firestopping sealants.
4. Section 08 44 26 - Structural Glass Curtain Walls: Structural and weatherseal sealants and accessories.
5. Section 08 63 00 - Metal-Framed Skylights: Structural and weatherseal sealants and accessories.
6. Section 08 80 00 - Glazing: Glazing sealants and accessories.
7. Section 09 21 16 - Gypsum Board Assemblies: Acoustic sealant.
8. Section 09 30 00 - Tiling: Sealant used as tile grout.
9. Section [_____ - _____]: Sealants required in conjunction with roofing.
10. Section [_____ - _____]: Sealants required in conjunction with waterproofing.

C. Related Sections:

1. Section [_____ - _____]: Sealants required in conjunction with waterproofing.
2. Section 07260 - Vapor Retarders: Sealants required in conjunction with vapor retarders.
3. Section 07270 - Air Barriers: Sealants required in conjunction with air barriers:
4. Section [_____ - _____]: Sealants required in conjunction with roofing.
5. Section 07840 - Firestopping: Firestopping sealants.
6. Section 08630 - Metal-Framed Skylights: Structural and weatherseal sealants and accessories.
7. Section 08800 - Glazing: Glazing sealants and accessories.
8. Section 08970 - Structural Glass Curtain Walls: Structural and weatherseal sealants and accessories.
9. Section 09260 - Gypsum Board Assemblies: Acoustic sealant.
10. Section 09300 - Tile: Sealant used as tile grout.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

A. ASTM International:

1. ASTM C834 - Standard Specification for Latex Sealants.
2. ASTM C919 - Standard Practice for Use of Sealants in Acoustical Applications.
3. ASTM C920 - Standard Specification for Elastomeric Joint Sealants.
4. ASTM C1193 - Standard Guide for Use of Joint Sealants.
5. ASTM D1056 - Standard Specification for Flexible Cellular Materials-Sponge or Expanded Rubber.
6. ASTM D1667 - Standard Specification for Flexible Cellular Materials-Vinyl Chloride Polymers and Copolymers (Closed-Cell Foam).
7. ASTM D2628 - Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements.

B. South Coast Air Quality Management District:

1. SCAQMD Rule 1168 - Adhesive and Sealant Applications.