

Guideline Specifications

GORDON EXTRUDED EXPANSION JOINTS  
DX100 / DX200 –09 2116  
GX100 / GX200 – 09 5100

Note to Specifier: Gordon's Expansion Joints, DX100 / DX200, are designed as a drywall accessory and should be specified in Division 09 2116. Gordon's Expansion Joints, GX100 / GX200, are designed with function with acoustical ceilings specified in Division 09 5100.

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections apply to this Section.

1.2 SUMMARY

- A. This section includes expansion joints as shown on the architectural drawings.
- B. Related Sections include the Following: (list applicable sections)

1.3 SUBMITTALS

- A. Manufacturer's Literature and Data:
  - 1. Product Data: Submit manufacturer's technical data and brochures for each type of specified component required, including detail drawings, and installation instructions.
- B. Shop Drawings:
  - 1. Shop drawings shall show dimensions, sizes, thickness, alloys, tempers, finishes, joining, attachments, and relationship of adjoining work.
- C. Samples:
  - 1. Samples shall include three, 6" samples of each type of expansion joint and finish as specified and accessories.
- D. Certification:
  - 1. Submit certification from manufacturer of accessory attesting that products comply with specified requirements including finish as specified.
- E. Qualification Data:
  - 1. Firms specified in "Quality Assurance" Article must demonstrate their capabilities and experience by including lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

#### 1.4 QUALITY ASSURANCE

- A. Manufacturer: Firm with manufacturing and delivery capacity required for the project, shall have successfully completed at least ten projects within the past five years, utilizing systems, materials and techniques as herein specified.
- B. Fabricator must own and operate its own manufacturing facilities for all metal components. Systems consisting of components from a variety of manufacturers will not be considered or accepted.
- C. Manufacturer/Fabricator must own and operate its own Painting and Finishing facility to assure single source responsibility and quality control.

#### 1.5 DELIVERY, STORAGE & HANDLING

All materials shall be protected during fabrication, shipment, site storage and erection to prevent damage from other trades. Store accessories inside a well-ventilated area, away from uncured concrete and masonry, and protected from the weather, moisture, soiling, abrasion, extreme temperatures, and humidity.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURER

- A. Expansion Joints shall be manufactured by Gordon Interior Specialties Division, Gordon, Inc., 5023 Hazel Jones Road, Bossier City, LA 71111, (800) 747-8954, Fax (800) 877-8746, [www.gordoninteriors.com](http://www.gordoninteriors.com), [sales@gordoninteriors.com](mailto:sales@gordoninteriors.com).
- B. The listed manufacturer shall not be construed as closing specifications to other prospective manufacturers, but rather as establishing a level of quality in a metal system. Other systems may be submitted for approval; as provided for in the specifications at least 10 working days prior to submission of bids. Companies desiring to submit a proposal shall submit all descriptive information of the system proposed including photographs and shop drawings of at least three projects similar in detail and scope.

#### 2.2 SYSTEMS DESCRIPTION

- A. Expansion Joints shall permit unrestrained movement of joint in the wall or ceiling.
  - i. Specify joint movement. (Specify for each building level: floor, wall, ceiling).

#### 2.3 MATERIALS

- A. Aluminum extrusions: 6063-T5 temper, tensile strength 31 KSI (ASTM B 221, ASTM B 221 M). Specify DX100 / DX200 for drywall applications. Specify GX100 / GX200 for ceiling applications.
- B. PVC Vinyl: 1" or 2" width for use with aluminum extrusions for wall or ceiling applications.
- C. General: Provide metals free from surface blemishes where exposed to view in finished unit. Surfaces that exhibit pitting, seam marks, roller marks, stains, and discolorations, or other imperfections on finished units are not acceptable. All metal shall be of the highest-grade commercial type.

## 2.4 FABRICATION

- A. Provide Expansion Joints of design, profile and function as indicated. 10' - 0" lengths for DX products are supplied to reduce the number of end joints. 12' - 0" lengths for GX products are supplied to reduce the number of end joints.
- B. PVC Vinyl insert is factory installed and shipped with the extrusions.
- C. DX products - In drywall construction when post-applied attachment flanges are used, trims must be slotted with a minimum of 0.375 square inches per lineal foot of flange to properly bond with the bedding compound and drywall.
- D. DX products - All attachment flanges are factory perforated to allow attachment to the structure of a minimum of 8" O.C.

## 2.5 FINISHES

- A. DX extrusions - All material shall be finished with an Alodine Chromate Conversion coating suitable for priming and painting in the factory or field.

OR

- A. GX extrusions - All material shall be factory clear anodized 200-R1 (Interior Application).

## PART 3 – EXECUTION

### 3.1 INSPECTION

- A. Examination of Surfaces: Installer must examine conditions under which work is to be performed and must notify contractor in writing of unsatisfactory conditions.
- B. Verify that field measurements and block-out dimensions are as shown on shop drawings.

### 3.2 INSTALLATION

- A. General: Comply with manufacturer's printed instructions, with governing regulations for Seismic Codes, and with the Ceiling & Interior Systems Construction Association standards applicable to work.
- B. Space Enclosure: Do not install any work until space is enclosed and weatherproofed, wet-work in space is completed and nominally dry, work above ceilings is complete, and temperature and humidity shall be continuously maintained at values near those of final occupancy.

### 3.3 CLEANING

- A. Clean exposed surfaces as recommended by manufacturer.

### 3.4 PROTECTION

- A. Procedures: Advise the contractor of procedures required to protect the finished work from damage during the remainder of the construction period.
- B. Damage to finished work: Finished units shall be without damage. Damage shall be

repaired by the contractor at the expense of the party damaging the material, in accordance with the contract requirements.

### 3.5 GENERAL RESPONSIBILITY

- A. Variation from specification: Any variation from this specification resulting in additional cost to any other contractor or subcontractor on this project shall be the sole financial responsibility of the contractor for the work of this section.