

**SECTION 05800 – EXPANSION CONTROL
CONSTRUCTION STANDARD**

PART 1: GENERAL

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of the University of Texas at Austin for manufactured expansion joint assemblies, including frames, covers, and gaskets.
- B. UT recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for UT projects.

1.02 Reference Standards

- A. Expansion joints: Refer to Section 07940 JOINTING OF EXTERIOR VERTICAL SURFACES for expansion control recommendations at exterior vertical concrete and masonry joints.
- B. Waterproofing expansion joints in horizontal surfaces of plazas and decks: Refer to 07050 Plazas and Decks.

1.03 Quality Control

- A. A proper selection of design and materials for each individual condition will accommodate the anticipated movement of the building.
- B. Considerations for a proper selection include determining the joint size. This must be determined by the project designing structural engineer. Also, the fire rating of the joint needs proper consideration and selection, and the exposure condition will govern the need for waterproofing details.

1.04 General Requirements

- A. Expansion joint cover: The specific condition will determine the applicable selection. Coordinate the choice with the UT project Design representative. In remodeling projects, all expansion controls already installed must be retained, or replaced if necessary.
- B. Waterproofing expansion joints in horizontal surfaces of plazas and decks: Avoid driving or dragging heavy equipment or materials over in place expansion joint assemblies.

PART 2: PRODUCTS – NOT USED

PART 3: EXECUTION – NOT USED

END OF STANDARD 05800