

GUTTER SYSTEMS

Flexible Gutter System



Description

The flexible gutter system incorporates a 60-mil, neoprene sheet, which is securely anchored to the concrete structure under an expansion joint system. The flexible neoprene sheeting allows for easy installation before or after the installation of an expansion joint system. The system will adapt to pre-cast concrete deck surfaces or cast in place structures. Once installed, this system provides a water-tight seal, while flexing in response to fluctuations in joint width.

The membrane is attached to the underside of the joint location. Metal retainer bars securely hold the membrane in place while allowing for 100% movement in response to thermal and seismic activity. The rolls of material are available in 50 LF lengths and may be spliced to accommodate longer runs.

Limitations

To function as intended, the system should be placed on sound concrete. To ensure a proper bond, it is important that the recess be clean and dry.

The joint opening should comply with the dimensions shown in the Temperature/Adjustment Table on the contract plans. The anticipated movement should be within the movement limits of the membrane size selected for use.

Detail below shows looped membrane with drain funnel in place. At the beveled edges of the retainer bars, a bead of sealant shall be installed.

Features and Benefits

Ideal for Rehabilitation Work – Quickly put into place under expansion joint locations to direct water away from vehicles and occupied space below. This allows the owner to effect repairs while the flexible gutter system keeps the area below dry.

Remains Flexible– Maintains its flexibility in in temperatures ranging from -40°F to 220°F

