



Matrix™ 502 System

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The Matrix™ 502 Asphaltic Expansion Joint is a hot-applied, field-molded and constructed expansion joint system that is primarily composed of a uniquely formulated polymer modified asphalt binder that is mixed with specially selected and processed aggregate.

The Matrix™ 502 Asphaltic Expansion Joint can be used for both expansion and fixed end joints at abutments or piers in many bridge types including

concrete slab, concrete beam, prestressed concrete and steel beam, either simple or multi-span, in both new construction and rehabilitation projects.

The Matrix™ 502 Asphaltic Expansion Joint provides a watertight, smooth riding joint that can accommodate up to a maximum of $\pm 3/4$ " (19 mm) of annual joint movement and can be used for expansion joint gaps up to 3" (75 mm) wide. The joint is installed in cutouts in the deck surface ranging from 2 to 6 inches deep (5 to 15 cm) and 20 to 24 inches (51 to 61 cm) wide.