Expansion Joint Systems

Matrix™ 502 Asphaltic Expansion Joint Installation Criteria

To ensure a proper installation of Asphaltic Expansion Joints, please follow standard installation procedures. The following criteria should also be taken into consideration when specifying or installing Asphaltic Expansion Joint Systems:

A. Maximum movement is .75” expansion and .75” contraction.
B. Minimum depth is 2”.
C. Minimum width is 20”.
D. Width is not recommended to exceed 24”. Not highly recommended in areas where there is a significant amount of stop and go traffic, on grades or slopes that will induce braking forces on the joint system, or in high truck traffic areas.
E. Not recommended in highly skewed joints.
F. Installation temperatures should be 40°F and rising. This includes both ambient and deck temperatures.
G. Optimal installation temperature is 60-80°F.
H. Elevation differences across the joint opening must be corrected through addition or removal of concrete or other means.
I. Not recommended for use where rotational or vertical movements are expected.
J. Manufacturer’s installation and mixing procedures should be followed.
K. Either a manufacturer’s technical representative or a certified manufacturer’s installer should be on the jobsite whenever material is being installed.

The above criteria are guidelines only. Contact a representative from The D.S. Brown Company for more detailed information or visit www.dsbrown.com.