



Expansion, Cold Joints and Saw Cuts

Contraction Joints – Accommodate shrinkage and relieve internal stresses.

- Sawed joints
- Hand tooled or preformed joints

Construction Joints (Cold Joints) – Are placed in the slab where concreting operations are terminated.

Movement at joints will be determined by the concrete design, concrete placement and ongoing or changing environmental conditions below the slab.

The owner should be advised that contraction and, sometimes, construction joints are going to be placed in the floor. If these joints move for any reason, the movement will, to some degree, telegraph through the athletic surfacing material and could cause delamination, cracking and possible failure.

There are methods and practices to address and prep these joints. Consult the manufacturers of the flooring system for their recommendations on joint preparation.

Differences in site conditions require variations in construction and repair methods and materials. Readers are advised to consult a qualified contractor or design professional before undertaking construction or repair of an indoor facility. Rev. 05/05