

OROFLEX EXPANSION JOINT INSTALLATION GUIDE

CAST-IN-PLACE METHOD

1. Block out the location of the expansion joint, refer to OROFLEX tablechart guide for size and depth of block out
2. Install all anchor bolts, ensure that there will be no protruding anchors after installation. Top most tip of anchors is generally set at 10mm below finish level.
3. Mount the Expansion joint (OROFLEX) on to the block out and check for correct level.
4. Tighten all bolts for initial setting, levelling bolts can be installed at every 1.20m or a levelling bar can be used.
5. Pour concrete to finish level, unless otherwise specified by the designer a minimum 4000psi concrete is required
6. Allow to cure, set all bolts to correct torque (180 to 200 ft.lbs) and seal off all bolt holes, use the recommended thormaseal.



DRILLED IN METHOD (IN ASPHALT WEARING COURSE)

1. Block out the location of the expansion joint, refer to OROFLEX table chart guide for size and depth of block out (ON ASPHALT WEARING COURSE, FULL DEPTH)
2. Layout the Expansion Joint on the block out and level to asphalt wearing surface.
3. Locate all the bolts.
4. Drill bolt location (if not specified by designer a minimum of 100mm depth is required)
5. Clean bolt holes and apply chemical anchors, unless specified use HILTI or equivalent HIT cartridge.
6. Place the Expansion joint, apply levelling grout as required. Final set and initially tighten all bolts to fix. There should be no protruding anchors after installation. Top most tip of anchors is generally set at 10mm below finish level.
7. Allow to cure, after curing (please refer to grout specifications) tighten all bolts to correct torque (180 to 200 ft.lbs) and seal off all bolt holes using rubberized asphalt seal. Use the recommended thormaseal.



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