



# **PRE FABRICATED STEEL BUILDINGS**

<http://www.pioneerbuildings.com>

## **Grouting**

## CAULKING

Caulking or water proofing between the steel connector and the concrete foundation should be done. Two beads of butyl caulking should be applied under the arch connectors and one bead under the endwall connectors. Caulking should also be applied where the connectors butt up against each other. This measure will help to ensure that the joints are watertight.

## GROUTING

Once the building is completely erected, it is wise to grout in the arches and endwalls. The round shape of the arches may result in wind suction during strong gusts of wind, which might lift some of the arches out of the arch connectors. It is therefore important to grout the building as soon as the assembly is completed. Grouting also contributes to the stiffness of the arches, resulting in a stronger building. By grouting in the cavities of the arches and endwalls you will also help to provide a watertight joint.

