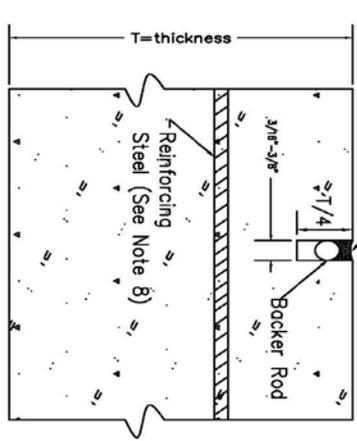


DISTANCE BETWEEN JOINTS	FOR 6" THICK FLOOR	
	A _g	EXAMPLE
≤ 30'	.029	605-11.4511.4 (10ga.)
> 30' ≤ 60'	.058	605-112.9112.9 (6 ga.)
> 60' ≤ 90'	.087	63 ● 16"
> 90' ≤ 140'	.12	64 ● 18"
> 140' ≤ 200'	.19	64 ● 12"

* This table is for floors on coarse granular or cohesive material. For floors on sand or pervious geotextile, A_g may be reduced 50%.

DOOR STEEL *



NOTES:

1. Joints shall be saw cut as soon as aggregate is set, but no later than 24 hours after the concrete placement.
 2. Joint layout, design and sealant shall be approved by the Engineer.
 3. The saw cut depth shall be a minimum of 1/4 the thickness of the slab, to a maximum of 2".
 4. Sealant shall not be used when temperature is below 40 F or above 100 F unless approved by the HRS Engineer.
 5. A primer may be required for joints that will be subject to immersion after cure. Use as specified by the sealant manufacturer.
 6. A backer rod shall be used to set the depth of the sealant and shall be slightly larger than the width of the saw cut.
 7. Sealant depth shall be a minimum of 1/4" and not more than 1/2", except that in traffic areas, the minimum depth of sealant is 1/2".
 8. Cut 50% of the reinforcing steel directly under the joint.
- Placement Procedure:**
- a) Joints shall be dry and free from dirt, grease, loose mortar or any foreign matter.
 - b) Prime joint surfaces as recommended by the manufacturer. Allow required drying time before applying sealant.
 - c) Install approved backer rod uniformly to the designed depth. Generally 1/4" to 3/8".
 - d) Install sealant into the prepared joint. Place the nozzle of the gun to the backer rod and fill the entire joint. Keep the tip of the nozzle in the sealant, continue on with a steady flow of sealant, proceeding the nozzle to avoid air entrapment. Avoid overlapping the sealant to eliminate the entrapment of air.
 - e) Tool, as required, to properly fill the joint.
 - f) Provide curing time, as required by the manufacturer, before allowing traffic or subjecting to immersion.

<p>NRCS Natural Resources Conservation Service United States Department of Agriculture</p>	<p>_____ COUNTY, PENNSYLVANIA</p> <p>LIQUID-TIGHT SLAB JOINTS</p>	<p>Scale: _____</p> <p>Sheet: _____</p> <p>Project: _____</p> <p>Drawn by: _____</p> <p>Checked by: _____</p> <p>Approved by: _____</p>	<p>Date: 8/24</p> <p>_____</p> <p>_____</p> <p>_____</p>
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