

BAR SIZE	MAXIMUM DISTANCE BETWEEN SUPPORTS	Fiber Macro	Tensil
#3	2 feet	7.5#	325 psi
#4	3 feet	7.5#	
#5	4 feet		
#3 at 15" E.W.	4'-6" o.c. each way	7.5#	325 psi
WIRE FABRIC SHEETS	MAXIMUM DISTANCE BETWEEN SUPPORTS	Fiber Macro	Tensil
12 x 12 - W2.9/w2.9	2'-0" o.c. each way	5#	250 psi
12 x 12 - W6/W6	3'-4" o.c. each way	5#	250 psi

\*Ferro Fibers or approved equal

### 3.06 JOINTS

- A. General: Construct joints true to line with faces perpendicular to surface plane of concrete.
- B. Construction Joints: Install so strength and appearance of concrete are not impaired, at locations indicated or as approved by Officer-in-Charge.
  - 1. Place joints perpendicular to main reinforcement. Continue reinforcement across construction joints, unless otherwise indicated. Do not continue reinforcement through sides of strip placements of floors and slabs.
- C. Contraction Joints in Slabs-on-Grade: Form weakened-plane contraction joints, sectioning concrete into areas as indicated. Construct contraction joints for a depth equal to at least one-fourth of concrete thickness, as follows:
  - 1. Sawed Joints: Form contraction joints with power saws equipped with shatterproof abrasive or diamond-rimmed blades. Cut 1/8 inch wide joints into concrete when cutting action will not tear, abrade, or otherwise damage surface and before concrete develops random contraction cracks.
- D. Dowel Joints: Install dowel sleeves and dowels or dowel bar and support assemblies at joints where indicated.
  - 1. Use dowel sleeves or lubricate or asphalt-coat one-half of dowel length to prevent concrete bonding to one side of joint.