



Precision Points

Concrete 02

033000

04.06.2026

Rebar Coverage

The following are the requirements for proper rebar
Cast-in-place concrete coverage per ACI 318
(Except for Corrosive Environments + Fire Protection Requirements)



Concrete / Rebar Condition

Coverage

Concrete:

Concrete against Earth:.....	3 Inches
#6 thru #18 bar exposed to weather.....	2 Inches
#5 or less bar exposed to weather.....	1 ½ Inches
#14 thru #18 bar NOT exposed to weather.....	1 ½ Inches
#11 or less bar NOT exposed to weather.....	¾ Inches

Concrete Beams or Columns:

Primary Reinforcement, Ties, Stirrups, Spirals, etc.....	1 ½ Inches
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Shells or Folded Plate Members:

#6 or larger bar	¾ Inches
#5 or less bar	½ Inch



These dimensions include the wire ties...please make sure all wire ties are facing inward!