AB Anchor Bolts

The AB anchor bolt provides an economical way to meet the prescriptive requirements of the 2018 IRC for securing mudsill plates to a concrete or masonry foundation. The bolt is manufactured from ASTM 1554 steel and has a hot-dip galvanized finish. A nut (ASTM A 563) and washer (ASTM F 844) are included. In some jurisdictions, a plate washer may be required. Check with your local Building Official.

**Materials:** Bolt: ASTM F 1554, Nut: ASTM A 563, Washers: ASTM F 844  
**Finish:** Hot-dip galvanized  
**Codes:** See IRC R403.1.6, IBC 2308.3.1, 2308.3.1.1, 2308.3.1.2 for minimum diameter and embedment into masonry or concrete.

**Installation:**  
- Select appropriate AB Anchor Bolt.  
- Use concrete with minimum compressive strength of 2,500 psi at 28 days.  
- Nuts and washers are included.  
- Anchor bolts intended for use to satisfy code prescribed anchoring of mudsill plates, and shall be installed as defined in the code.  
- Allowable loads shall be derived in accordance with the code.  
- Plate washers may be required in some jurisdictions.

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**BP / HBPS / LBP / LBPS Bearing Plates**

**BP / LBP** – Designed to meet code requirements for mudsill-to-foundation  
**HBPS / LBPS** – Offers anchor bolt adjustment slots

**Materials:** See chart  
**Finish:** BP / HBPS – none; LBP / LBPS – G-185 galvanizing  
**Options:** See Chart for Corrosion Finish Options  
**Codes:** See IRC R602.11.1, IBC 2308.3.1.1  
for minimum plate size requirements

**Installation:**  
- Bolt holes are sized 1/16” larger than Bolt Dia. shown in chart.