

Chapter 6 – Anchored Masonry Veneer Systems

Table 6-4 Summary of TMS 402-16³ provisions for adjustable and non adjustable masonry anchors. Photos courtesy of Hohmann & Barnard, Inc.

	Common Anchor Types					
	ADJUSTABLE ANCHOR TYPE				NON ADJUSTABLE ANCHOR TYPE	
	Plate Anchor	Embedded Joint Reinforcement Anchor	Screw Anchor	L-Bracket Anchor	Surface-Mounted Anchor	Corrugated Metal Anchor
CMU Backup	●	● Offers less adjustability due to fixed placement of reinforcing in block bed joints.	●	● See general notes below.	● TMS 402-16 ³ requires an adjustable tie.	● TMS 402-16 ³ requires an adjustable anchor.
Concrete Backup	●	Anchor not constructible with backup wall structure.	●	● See general notes below.	● TMS 402-16 ³ requires an adjustable anchor. Anchor may be paired with a dove tail slot to provide adjustability; however, the slot is difficult to waterproof and is typically avoided.	● TMS 402-16 ³ requires an adjustable anchor.
Steel Stud-Framed Backup	●	Anchor not constructible with backup wall structure.	●	● See general notes below.	●	
Wood-Framed Backup	●	Anchor not constructible with backup wall structure.	●	● See general notes below.	● Adjustable anchors are preferred when possible.	● Anchor has poor corrosion resistance and is typically avoided.
General Notes		Consider air barrier and WRB system detailing requirements around wires.	Thermally improved anchor option; see Chapter 8 for more discussion.	May not be preferred by some installers as it requires vertical installation of some insulation boards.		

● Permitted by TMS 402-16³

● Permitted by TMS 402-16;³ however, see additional table discussion/notes

● Not permitted by TMS 402-16³