



ASK JOE HETZEL

DASMA Technical Director

What About Mounting to New Building Framing Materials?

Q When installing garage doors, I have been faced with mounting into some non-traditional building framing materials, such as concrete containing fly ash and light-gauge metal framing. How do I know if these materials are adequate to support a garage door?

A **Joe:** This question points to the evolution of materials used to build structures. TDS 161, "Connecting Garage Door Jambos to Building Framing," includes fastener information for traditional building structure materials such as wood, filled concrete block, 2000 psi poured concrete walls, and structural steel.

When materials other than the traditional ones are encountered, the garage door manufacturer should first be consulted. The manufacturer needs to be sure that the fasteners for the building medium are properly specified by type and by the loads applied by the door through the fasteners.

For mounting to concrete containing fly ash, the manufacturer may

need to obtain local information on the concrete product used. This information can then be conveyed to a fastener manufacturer/supplier.

For mounting to light-gauge metal framing, both the capacity of the framing and the ability to find a suitable fastener may come into question.

If a particular building material and corresponding fastener alternative(s) are frequently used but not included in TDS 161, the DASMA Commercial & Residential Garage Door Technical Committee can examine them for possible inclusion in a future edition of the TDS. ■



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