TIE DOWN
MANUFACTURING INGENUITY

November 28, 2016

To Whom It May Concern:

The steel strapping by Tie Down Engineering for the Manufactured Housing Industry has been tested to, and conforms to, the HUD Code as reference in part 3280 and 3285 of the Manufactured Home Construction and Safety Standards:

3280.306 Anchoring equipment(f) load resistance (g) weatherization, 3285.402 (c)specifications for (2) Tie-down straps.

Load Resistance – Anchoring equipment shall be capable of resisting an allowable load equal to or exceeding 3,150 pounds and shall be capable of withstanding a 50 percent overload (4,725 pounds total) without failure of either the anchoring equipment or the attachment point on the manufactured home.

Weatherization – Anchoring equipment exposed to weathering shall have a resistance to weather deterioration at least equivalent to that provided by a coating of zinc on steel of not less than 0.30 ounces per square foot of surface coated, and in accordance with the following:

1. Slit or cut edges of zinc-coated steel strapping need not be zinc coated.

2. Type 1, Finish B, Grade 1 steel strapping, 1-1/4" wide and 0.035 inches in thickness, certified by a registered professional engineer, architect, or nationally recognized testing laboratory as conforming with ASTM D3953-97 standard specification for strapping, flat steel and seals. Minimum total capacity of 4,725 lbs. and a working capacity of 3,150 lbs. must be used.

The above specification of a minimum coating of .30 ounces per square foot equates to a designation of "G30." Tie Down strapping exceeds this minimum requirement with a coating of 0.60 (G60) standard or 1.20 (G120) Florida strapping. Similarly, Tie Down strapping exceeds, in testing, the minimum load requirements of a 3,150 pounds' design (working) load and 4,725 pounds (Ultimate) overload.

Please direct any questions to Knute Chauncey at knute@tiedown.com or (800) 241-1806, ext. 1528.

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