

PRODUCT DATA SHEET

MULE-HIDE HD-14 FASTENERS

PRODUCT DESCRIPTION

Mule-Hide HD-14 Fasteners (Heavy Duty) are # 14 fasteners manufactured from C-1022 Phillips Cold Heading Wire. The fastener has a No. 3 Phillips recess, flat truss head. The drill point tip is of a double flute, self-drilling design for faster penetration into the roof deck.

BASIC USES

Mule-Hide's HD-14 Fasteners (Heavy Duty) are designed specifically for the mechanical attachment of the Mule-Hide Reinforced EPDM, TPO and PVC membranes and for the mechanical attachment of Mule-Hide's Poly ISO 1 and Poly ISO 2 roof insulation boards and other FM Approved insulation / cover boards into steel, wood and concrete decks. The Mule-Hide HD-14 Fasteners may be used in conjunction with the Mule-Hide All Purpose Bars, 2" Barbed Seam Plates, 2.4" Barbed Seam Plates and 3" Metal Stress Plates. Refer to Mule-Hide's appropriate Single-Ply Manuals for installation instructions and uses.

SPECIFICATIONS

Wire: C-1022 Phillips Cold Heading Wire
Blank Diameter: .180
Head: Flat Truss with # 3 Phillips Drive
Thread O.D.: .233 - .241
Thread Minor: .148 - .152
Point: Double Flute Self-Drilling
Coating: Cathodic Epoxy Electrocoat
Test Results: Less than 15% Red Rust / 30 Cycles of the Kesternich Din 500-18-SFW 2.0 Test
Exceeds FM Corrosion Standard 4470

Average Ultimate Pull-Out Values (lbf)							
Plywood			OSB			Steel	*Concrete
15/32"	19/32"	23/32"	15/32"	19/32"	23/32"	22ga.	3000psi
350	420	710	230	250	440	575	740

*Pre-drill hole with 3/16" masonry bit, 1" embedment.

Mule-Hide HD-14 Fasteners are also available in stainless steel. Mule-Hide Heavy Duty Stainless Steel fasteners show no red rusting after 20 Kesternich cycles.

TECHNICAL SERVICES

Contact Mule-Hide Products Co., Inc. at 608/365-3111 for additional information.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not make nor does it authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Mule-Hide's physical properties. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury of person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the complaint or failure before repairs are made.

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MULE-HIDE PRODUCTS CO., INC.

P.O. Box 1057, Beloit, WI 53512-1057 • 608/365-3111 • Fax: 608/365-7852