

# Duct Board Manual

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Duct Board Manual Determine board length as described above. Measure and draw groove centerlines starting at left side of board using straight edge, adding stretch-out allowances. Draw two lines for staple flap at right side of board. 2. Use grey tool to cut female side joint shiplap on left edge of board. 3. Use orange tool to cut right and left hand shiplaps for folding duct. Start DUCT BOARD FABRICATION INSTRUCTIONS - CertainTeed fabrication instruction sheet is not meant to be a duct-system fabrication manual. Measurement for Centerline Method Layout is done on the fiber glass duct boards before fabrication is started, with measurements keyed to the corner folds. In all cases, the INSIDE dimension (I.D.) of the duct is the determining factor. FIBERGLASS DUCT BOARD - Johns Manville The HVAC Angler Tool is a duct board tool that creates an easy method of proper installation of duct board fittings. The Angler Tool, a Duct Board Tool for Making Fittings Easy! Buy 5 Angler Tools get 6th one FREE! Instructions to Create Duct Board Fittings Easily. - DC ... in lieu of the procedures shown in this manual. 1. DUCT BOARD 1.1. Strength and Deflection Board stiffness is defined by flexural rigidity, which is the product of Young's Modulus of Elasticity (E) and the moment of inertia (I) per unit width. Boards are identified by ratings of 475-EI, 800-EI, and 1400-EI, respectively. THIRD EDITION, 2002 - Insulation Institute Duct systems fabricated from fibrous glass duct board products qualify under UL 181 as Class 1 Air Ducts, meeting the fire safety requirements of NFPA 90A and 90B including

limited combustibility. They also comply with all widely used model codes. Duct board joint closures are sealed using one of three UL 181A listed systems. A GUIDE TO INSULATED HVAC DUCT SYSTEMS Mark the duct board. Pull the tape measure along the piece of duct board. Mark 1-1/2 inches in from one end of the duct board with a soapstone. From the 1-1/2-inch mark, measure the height of your duct plus 1-3/4 inches and place another soapstone mark. Mark the remaining width and height locations, adding 1-3/4 inches to each dimension. How to Make a Duct Board Plenum | Hunker You'll need to add a few extra inches to the width of each panel in order for them to align properly. 1 inch (2.5 cm) duct board will require an additional 1.75 inches (4.4 cm), 1.5 inches (3.8 cm) duct board will need 2.75 inches (7.0 cm), and 2 inches (5.1 cm) duct board calls for 3.75 inches (9.5 cm). How to Cut Duct Board: 11 Steps (with Pictures) - wikiHow QuietR® Duct Board Owens Corning QuietR Duct Board is a rigid, resin bonded fibrous glass board that may be used to fabricate components for indoor commercial and residential duct systems. Download Brochure PDF | 6.23 MB QuietR® Duct Board - Owens Corning Insulation Johns Manville Micro-Aire® LP duct board is designed for use in manufactured and modular housing duct systems. It provides thermal and acoustical performance and promotes consistent temperatures for less wasted energy. Micro-Aire Type LP is protected against damage from microbial growth and the exterior surface is laminated with a tough fire-resistant FSK facing. Duct Board | Johns Manville Knife, Serrated Stainless Steel Bladed Duct Knife for Flexible Duct and Duct Board in Sheath Klein Tools DK06 4.8 out of 5 stars 326.

\$16.20. Klein Tools 86570 Tie Tensioning Tool, for Ties Rated at 120 to 250-Pound, Supplies up to 65-Pound of Tension, Handle Grips for Comfort 4.7 out of 5 stars 727. \$26.99 ... Bostitch T6-8OC2 Outward Clinch Stapler, Manual, Heavy Duty The Master Flow 48 in. x 120 in. Duct Board - R-6 features fiberglass construction with an FSK backing for sturdiness over time. Cut this duct board to size and use it to build your own HVAC fittings or trunk duct, and then assemble it with fiberglass weave and mastic or duct-board-approved duct tape for a convenient solution to your ducting problems. Master Flow 48 in. x 120 in. Duct Board - R-6-DBOARD1 ... For larger ducts, refer to NAIMA's "Fibrous Glass Duct Construction Standard," or Knauf Insulation's Air Duct Fabrication Manual. ... Used to fabricated air duct systems, this board provides excellent acoustic characteristics to help minimize noise. Atmosphere Air Duct Board | Knauf Insulation Introduction to fiber glass duct fabrication concepts. Reviews the benefits of fiber glass duct systems, covers the recommended work practices and the tools ... Intro to Fiber Glass Duct Board Fabrication (1/22) - YouTube Information sheet providing detail about hand fabrication of a one-piece straight duct from a 48" x 120" x 1" thick (1.22 m x 3.05 m x 25 mm) sheet where the total inside duct dimensions equals 112" (2.84 m) or less. Fiber Glass Duct Board Fabrication Instructions | Building ... The SG-220 is easily adaptable to groove 1", 1-1/2" and 2" board. Positioning tools for different duct sizes is easy and accurate on the SG-220. Built-in spacer tabs simplify tool set-up using only inside duct dimensions. Quick-release clamps allow for rapid positioning of the tools. The SG-220 sets up easily for 1-, 2- and 4-piece duct

... SG-220 DUCT BOARD GROOVING MACHINE - Insulation Equipment ... Duct Board is a fiberglass product with an aluminum foil surface exposed to the airstream. Duct board is an alternative to galvanized steel in the fabrication of rectangular duct. Used most in specific regions and on specific types of jobs including apartments, condos, and residential new construction, specifically tract homes. Ductboard Machine DK6S Cushioned Gripped Serrated Duct Knife 6 (152) — 7 (199) Specifications Duct Knife Hole Cutter for Flex & Ductboard for Fiberglass Duct Board DK6S Ergonomic cushioned handle offers comfortable, sure grip. Serrated edge aids cutting “flex” fiberglass wool duct. Puncture resistant nylon sheath included with DK6S cushion gripped knife ... Fiberglass Duct Tools - Malco Products Thermal/acoustical insulation board plus jacket forms a single component duct system, thus reducing inspection time. Lightweight boards are easier to transport and handle than insulated sheet metal ducts. Virtually eliminates air leakage thus saving energy and removing the need for system overdesign. QuietR® Duct Board - Insulation | Owens Corning Duct shall be fabricated and installed in strict accordance with NAIMA's “Fibrous Glass Duct Construction Standard,” “Residential Standard,” “1 1 /2” Fabrication Manual,” or Knauf Insulation “Air Duct Fabrication Manual,” and in accordance with the conditions of UL 181 listing. Duct systems shall have all transverse joints, longitudinal seams, and duct wall penetrations sealed using 3" (76 mm) wide glass fabric and mastic, 2" (51 mm) minimum width heat-sealable tape, or 2 ... The split between “free public domain ebooks” and “free original ebooks” is

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