

INSTALLATION MANUAL



*Thermal Insulation for
Wood-Finish Ceilings*



SAVE ENERGY • INSULATE • DECORATE

3 MAJOR BENEFITS IN A SINGLE PRODUCT

DECORATE AND INSULATE YOUR HOUSE, BUSINESS, AND INDUSTRY WITH THE INNOVATING INSULATOR PRODEX RUSTIC® WITH A WOOD FINISH



*An appearance so real that
it can be hardly noticed*

Step 1 Preparations



1.1 Make sure the distance between the drivers is not smaller than 2 meters between each support; otherwise, install extra pipes to obtain a proper distance and avoid future undulations on the material.



1.2 Choose and prepare wood of 2" wide and ½" thick; these pieces will be used later on the beams during installation. Consider an amount of 80 linear meters of board per each 100 square meters of ceiling and using pine, laurel, teak, or your choice of wood. To get a better finish, you can dye or varnish the piece as you wish.



1.3 For the edges, use ½ rods of four round, consider 35 linear meters per each 100 square meters of ceiling.



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Step 2 Wood Structure Assembly



2.1 With 1 ½" x ½" wood board, make a frame skeleton with a configuration of 1.20 meters of distance between boards; these will be the points where the rolls of Prodex Rustic® will be installed.



2.2 Assemble the boards with 1 ½" nails; use a 1 ½" drill tip to fasten to the cold rolled C section, if necessary.



2.3 Install the frame skeleton across the roof where you want to use the wood finish.



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Step 3 Measuring and cutting the PRODEX Rustic®



3.1 With a line drawer, draw the structure you want to add the finish to. For instance, the edge of a corner should always have an excess of 5 cm. to the measurement you want to cover, to make the piece adjustment easier.



3.2 Carefully cut the Prodex Rustic® with a blade by following the drawing.



3.3 Make sure the cut matches the structure to be covered; always leave space for a future structure using side foam for the overlapping of the following roll.



3.4 Present the piece and make sure the edges are aligned with the structure.



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Step 4 Placement of the PRODEX Rustic®



4.1 Once the PRODEX Rustic® is placed, fasten it to the frame skeleton by placing a fourth round board on top so that the board acts as a support and pressing at the same time; therefore, you can handle the PRODEX Rustic® and get the required position.



4.2 Use the head screws for the ceilings or build small 1" x 1" tin squares to fasten the insulation to the wood of the frame skeleton across the structure. Remember that you will have flexibility with the placement of the PRODEX Rustic® so that you can get the proper position thanks to the over measurement of the initial cutting.



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Step 5 Tension and cut of the PRODEX Rustic®



5.1 In case there are two columns in the place where the structure will be placed, cut and try to obtain the same shape as that of the PRODEX Rustic®.



5.2 With the line drawer, draw a mark in the middle of the wood beam to which the Prodex Rustic® was fastened.



5.3 Remove the excess PRODEX Rustic®, this is the over measurement left at the beginning of the installation.



5.4 The cut should be half the wood piece, leaving the excess to place the next roll.



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Step 6 Placement of 2" x 1/2" wood boards



6.1 PRODEX Rustic® has a 3 mm thermo-welded platform to join the overlaps of two rolls, if necessary. This process is carried out by applying heat to the edges of the foam that are exposed and pressing a little with the palm of your hand; with this type of joint, the completely impermeable mechanical seal is guaranteed between both rolls.



6.2 Screw the 2" wood piece on the frame skeleton by covering the fastening pieces and the joints of the rolls of PRODEX Rustic®, using a 2" fine tip screw.



6.3 Place the board across the ceiling according to requirements.



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Step 7 Column Finish



7.1 With 2" boards, make a square with cuts at 45 degrees and fasten them to the ceiling structure.



7.2 Repeat this procedure across the ceiling until covering all the columns.

Step 8 Light installation



8.1 Install the lights using pipes or chutes; you can dye them using the same color of the wood to give a better appearance to the electrical installation.



Comfort in harmony with the environment