



1111 ACE ROAD – PRINCETON, ILLINOIS 61356 USA – PH (815) 261-0072 – FAX (815) 879-8209
WORLDWIDE ACOUSTICAL PRODUCTS & SERVICE

INSTALLATION INSTRUCTIONS FOR SOUND ABATEMENT ENCLOSURE



***Please Read First:** These units have been assembled and unassembled three times to assure proper alignment and ease of installation on your project. Please refer to pictorial and 3-D exploded view of Empire drawings pages 8 – 11.

From all of us at Empire, we thank you for your business and hope that you will find that our product is effective and easy to install. If you have any questions or concerns about this product or the installation process, please call us at (815) 261-0072 or email dennis@empireacoustical.com.



EMPIRE ACOUSTICAL SYSTEMS



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Step 1- Separate materials for Unit 1 and Unit 2. Lay out panels and structural steel near required location. Note: Each piece is color coded. Part numbers are welded on inside of channels. See drawing for color and proper location.



Step 2- Floor/base assembly. Separate floor pieces from wall pieces. Floor pieces are marked 1F1 – 1F4 for unit 1 and 2F1 – 2F4 for unit 2. Pieces are also color coded for the side of the unit that they should be placed:

North- Green	East- Blue
South- Orange	West- Yellow

Field cut bases as required. Note: one additional base plate has been provided per unit to be placed and welded as needed. Slide all floor pieces together making sure that the drilled holes line up. Do not put bolts in at this time.

Step 3- Install all C pieces for corners. Follow color codes to match floor systems.

Step 4- Install all DJ pieces for door assembly.






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(Instructions continued)

Step 5- Slide all panels into wall sections following the corresponding color codes. Important: Make sure that the perforated side of the panel is on the inside of the enclosure unit.



Step 6- Install louver and hatches at required elevation and location.



Step 7- Continue installing the remaining panels to complete wall sections.

Step 8- Slide roof assembly pieces into corner and door jamb assemblies.



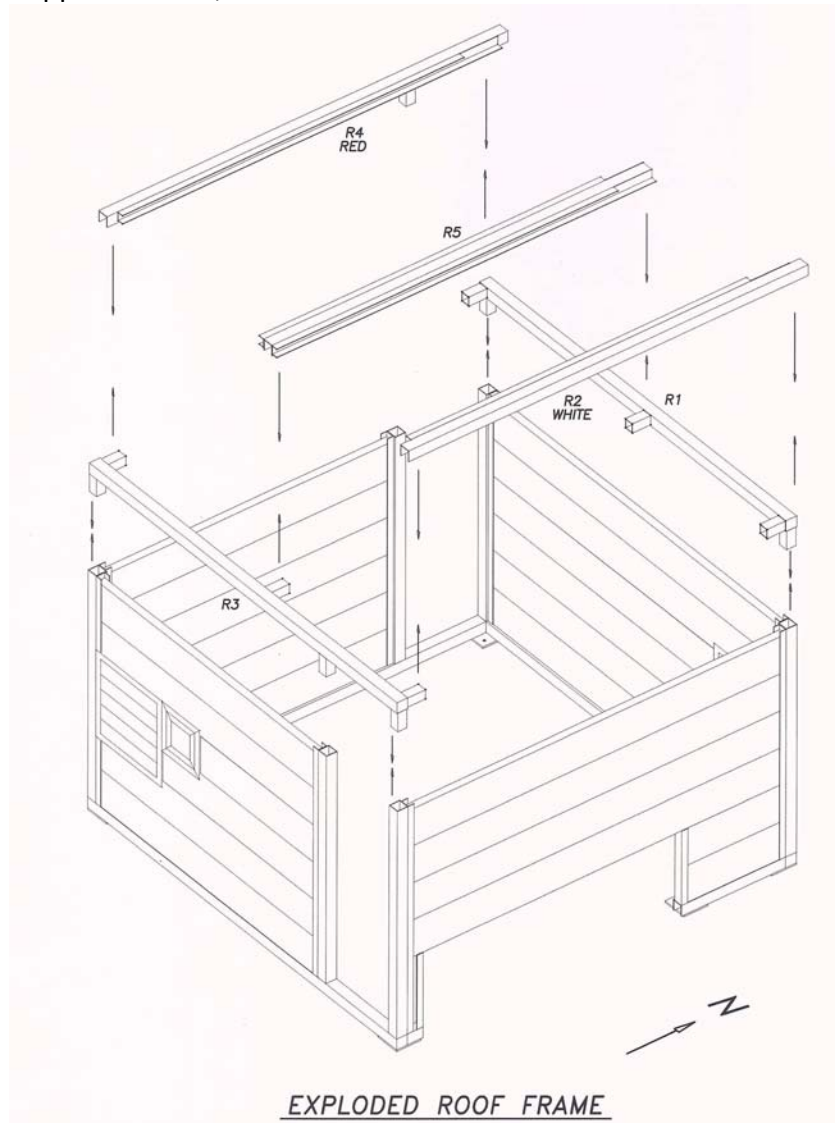
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(Instructions continued)

Step 9- Install mid support section, R5.



Step 10- Remove roof closure plates.



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(Instructions continued)

Step 11- Slide red roof panels into red sections and white roof panels into white sections. Install narrow (5-3/4" in width) panels last under roof closure area.

Step 12- Place all bolts in holes, align and fasten. Note: a construction wrench or other alignment device may be required for ease of bolt installation.

Step 13- Attach roof closure plates.

Step 14- Slide doors onto hinges.

Step 15- Grease pins for ease of opening and closing doors.

Completed Views

