

# GALAXY METAL PRODUCTS

LOCKSEAM EDGE  
(BOTH EDGES BEVELED)

7GA  
HINGE  
REINF.

POLYSTYRENE INSULATION  
(OTHER CORE AVAILABLE: HONEYCOMB)

20 GA., OR 18 GA.  
HOLLOW METAL DOOR  
SKIN

$1\frac{3}{4}$ "

20GA CAP TOP  
SCREWED TO  
20GA TOP CHANNEL

20GA. TOP CHANNEL

$\frac{3}{4}$ " MIN

5"  
CLOSER  
REINFORCEMENT

POLYSTYRENE  
CORE

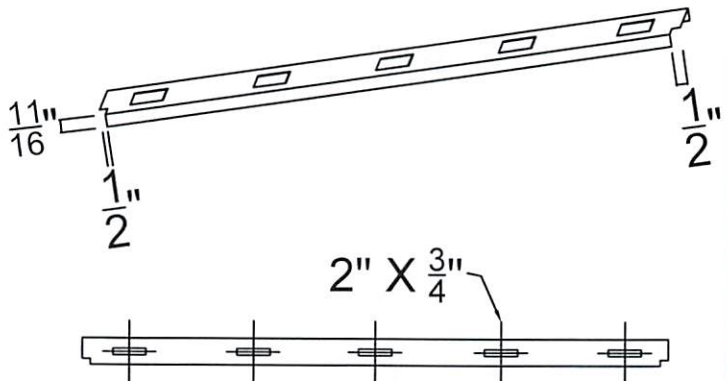
20GA OR  
18GA A40  
GALVANNEAL  
STEEL SKIN

20GA. BOTTOM  
CHANNEL ("C")

$\frac{3}{4}$ " MIN

CROSS SECTION

BOTTOM CHANNEL  $2" \times \frac{3}{4}"$  (TYP.)  
DETAIL "C" BOTTOM CHANNEL  
20GA CHANNEL



SURFACE MOUNTED DOOR BOTTOM  
RECOMMENDED. BOTTOM CHANNEL  
SLOTS CANNOT BE OBSTRUCTED.

**Project: POLYSTYRENE DOOR**

MAXIMUM - 36" X 96" NOMINAL DOOR SIZE  
20, & 18 GAUGE- 1 1/2 HOUR LABEL

**GMP Job #:**

**Sheet No: 1 OF 2**

**Door No:**

**Drawn by: CT**

**POLYSTYRENE  
DOOR DETAIL**

**Date: 05/11/2022**

**Location:**

Manufacturer: GALAXY METAL PRODUCTS  
2960 Woodbridge Ave, Edison, NJ 08837



908-668-5200  
galaxymetalproducts.com

# GALAXY METAL PRODUCTS

## DESCRIPTION:

- SINGLE SWING - MAXIMUM 3'-0" JAMB OPENING WIDTH BY 8'-0" JAMB OPENING HEIGHT
- STANDARD PAIRS & DOUBLE EGRESS POLYSTYRENE DOORS CANNOT BE FIRE LABELED

## POLYSTYRENE CORE:

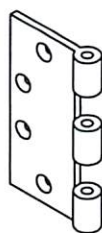
- (EPS) LETTER DESIGNATION FOR THE MOLDED EXPANDED POLYSTYRENE THERMAL INSULATION CLASSIFIED BY THIS SPECIFICATION. IT IS DEFINED AS CELLULAR PLASTIC PRODUCT MANUFACTURED FROM PRE-EXPANDED POLYSTYRENE BEADS SUBSEQUENTLY MOLDED INTO DESIRED SHAPES AND SIZES RESULTING IN A PRODUCT WHICH IS RIGID WITH CLOSED CELLULAR STRUCTURE. - FULL SURFACE APPLICATION WITH ROLLER ON BOTH WIDE & NARROW STEEL SKIN WITH ADHESIVE.

## POLYSTYRENE DOOR HAS BEEN EVALUATED FOR CONFORMANCE TO THE FOLLOWING STANDARDS:

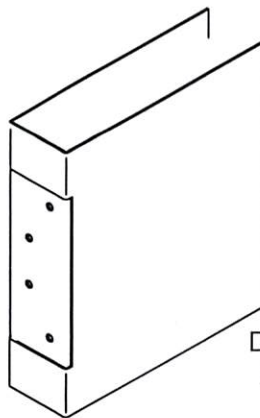
- UL 10C - POSITIVE PRESSURE FIRE TEST OF DOOR ASSEMBLIES
- NFPA 252 - FIRE TEST OF DOOR ASSEMBLIES
- CAN/ULC S104 - STANDARD METHOD FOR FIRE TEST OF DOOR ASSEMBLIES

## ACCEPTABLE HARDWARE PREPARATION:

- MORTISE OR CYLINDER LATCHES WITH MAXIMUM 5" BACKSET/ MORTISE TYPE EXIT DEVICES/SURFACE MOUNTED VERTICAL ROD FIRE EXIT DEVICES/RIM TYPE FIRE EXIT DEVICES/DEADBOLTS/SURFACE-MOUNTED CLOSERS/SURFACE -MOUNTED PROTECTION PLATES/ VIEWERS.



(HARDWARE  
BY OTHERS)



DOOR IS HANDED  
AT FACTORY AS  
SPECIFIED

**Project: POLYSTYRENE DOOR**

MAXIMUM - 36" X 96" NOMINAL DOOR SIZE  
20, & 18 GAUGE- 1 ½ HOUR LABEL

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