

Republic

Embossed panel doors



Overview

Republic's embossed panel doors provide a wide range of design flexibility for hollow metal architectural needs.

Republic's embossed designs include 6, 4, 2, and 1 panel layouts. These panel designs are available as traditional or high-definition designs on 18 or 16 gauge, standard A40 galvalume, polystyrene core doors. They can be customized to accommodate a variety of needs such as an 8'0" opening height and lite inserts.

Thanks to their rich, distinct panel embossments, Republic's embossed doors allow for a beautiful, hollow metal entrance to any architectural opening.

Features and benefits

- Steel door performance with decorative designs
- SDI levels 1-3
- Traditional designs include 6 panel options:
 - 1 3/4" or 1 3/8" thick design, rated for light to extra-heavy duty use
 - 8 Foot with elongated panels
 - STC 40 (STC hardware included)
- Minimum sizes 2'8"x 6'8" available
- Certified for 3 hours of fire protection tested in accordance with UL 10b, UL 10c, UBC 7-2, and ASTM e152
- Approved for wind and hurricane impact in multiple panel designs

Additional standard product features

- Hinge channel is non-beveled and reinforced with a full height 16 gauge steel channel projection welded at a maximum of 5" on center with an additional 9 gauge reinforcement plate at each hinge location, providing over $\frac{3}{16}$ " total reinforcement
- 16 gauge flush top and inverted bottom channels projection welded to both skins every 2 1/2" on center
- Lock edge is non-beveled and reinforced with a continuous 16 gauge channel, mortise and cylindrical lock reinforcements are integral 16 gauge reinforcements
- Doors are thoroughly cleaned, phosphatized and primed with a coat of force cured rust inhibiting primer that meets and/or exceeds the requirements of ANSI A250.10 (120 hour continuous salt spray test per ASTM B117 and 240 hour continuous humidity test per ASTM D4585)

Traditional designs



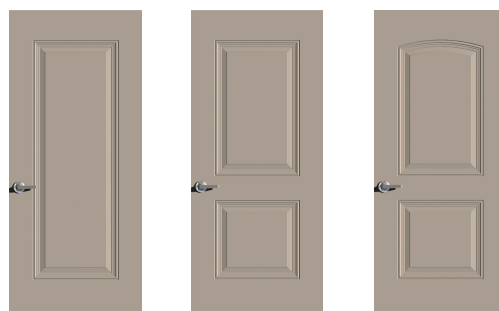
4 panel

6 panel*

Half glass

Sun burst

High definition designs



1 panel

2 panel*

2 panel archtop

* Available in DP and DL Series.

For technical information and specifications, view the tech data manual at republicdoor.com.

About Allegion

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