

One Piece Gypsum Cement Wall Niches

Three one piece complete niches are available ranging in size from a height of 3 feet, 5½ inches to 6 feet, 6 inches.

Each one piece gypsum cement niche includes a base shelf and integral margin. The 771C niche (only) includes a recessed halogen light housing, transformer and lens.



776C Height: 78" 1.98 m
Width: 32 1/8" 816 mm
Framing Depth: 7" 178 mm



771C Height: 55 1/8" 1.40 m
Width: 28 1/4" 718 mm
Framing Depth: 11" 279 mm



775C Height: 41 1/2" 1.05m
Width: 20 3/4" 527 mm
Framing Depth: 6 1/2" 165 mm

Custom Plain Niches

We supply a variety of custom niches in both plain and shell designs. Custom plain niches like the one shown above can be ordered with any internal width up to 4 feet (1.22 m) and any height up to 8 feet (2.44 m) with a depth of up to 2 feet (610 mm).

When ordering a plain niche, you can specify a niche margin (shown on the following page), and whether you require a keystone.

Keystones are available for use with the 3479, 3528, and 3529 margins. Custom plain niches are shipped as an attached plain shell and shaft with separate margin pieces and without a base shelf.

A custom shelf is prohibitively expensive when manufactured in gypsum. We recommend the use of a simple rectangular wood shelf with all custom niches.



Assembled custom plain niche
with keystone & 3479 margin.

Shown with a simple wood shelf (by others)

Custom Gypsum Cement Shell Niches



Assembled custom shell niche using the 771 niche shell, a 48 inch shaft, two 3144 rosette stop blocks and showing a choice of niche margins: 3479 at the right and 3500 at the left.



Niche shell and shaft (attached) as shipped

Custom shell niches are available using the seven shell designs shown on the following page. These niches are supplied as an attached shell and shaft with niche margin pieces and optional rosette stop blocks supplied separately. Custom niches do not include a base shelf. You can specify a shaft length of up to 5 feet (1.52 m).

Niche Margins



3479 Width: 3" 76 mm
Proj: 7/8" 22 mm



3515 Width: 3 1/4" 83 mm
Proj: 1 1/4" 32 mm



3500 Width: 3" 76 mm
Proj: 7/8" 22 mm



3528 Width: 2 1/16" 52 mm
Proj: 3/4" 19 mm



3529 Width: 2 1/8" 54 mm
Proj: 5/8" 16 mm



3530 Width: 2 7/8" 72 mm
Proj: 5/8" 16 mm

Suitable for niche shell

771
773
774

772

771
774

770

775

776

Niche Rosette Stop Blocks

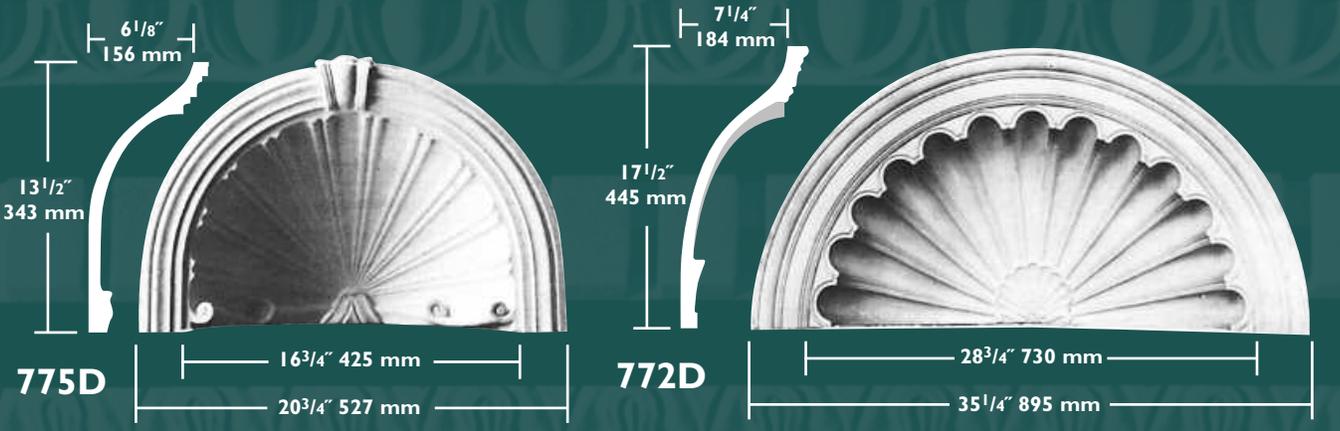
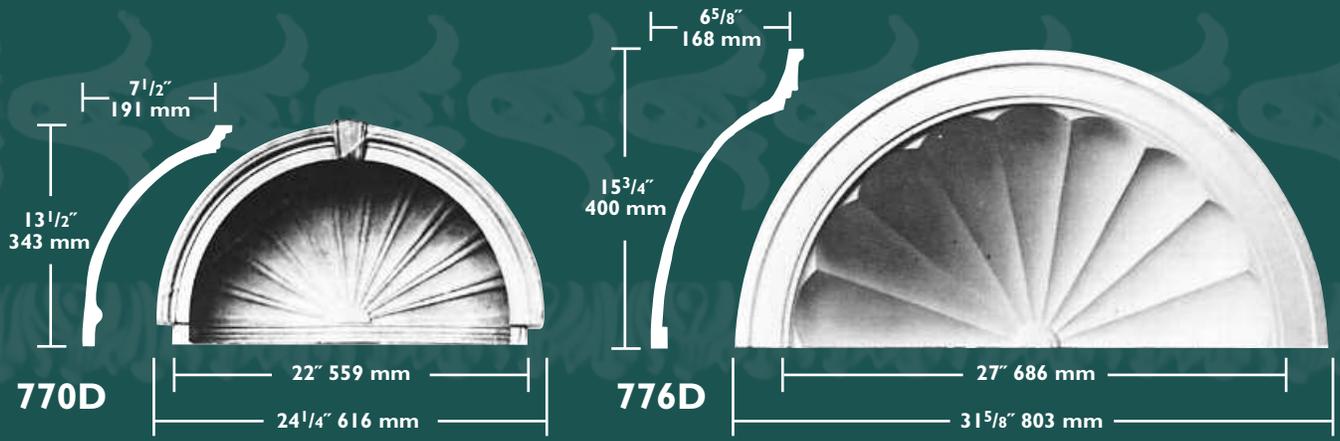
3144
3 1/4 × 1 in
83 × 25 mm



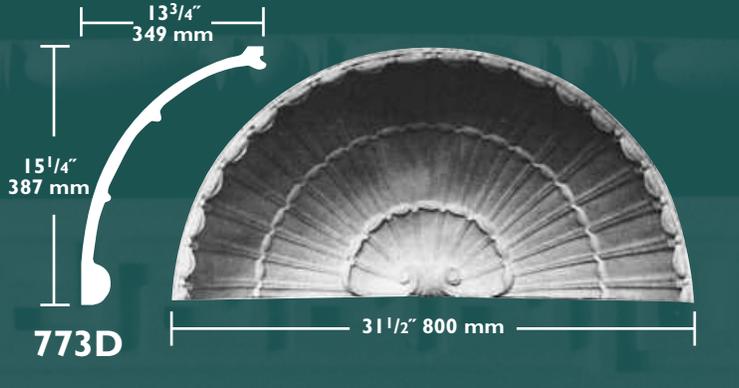
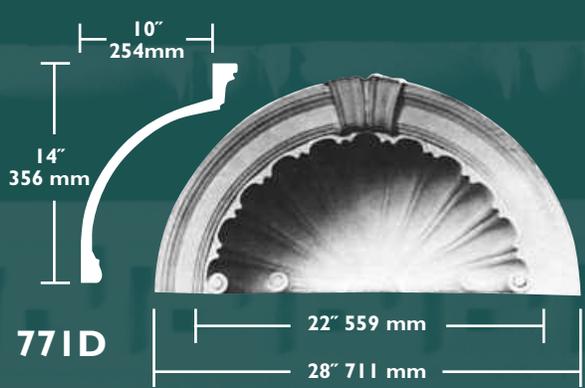
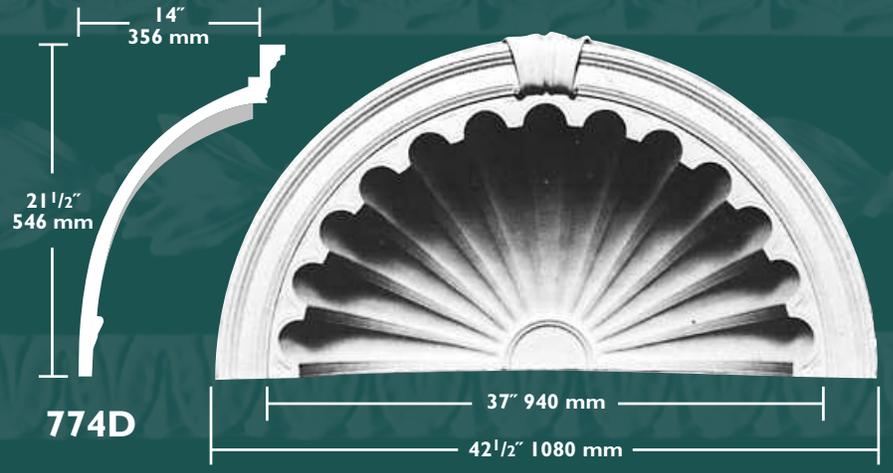
3140
3 1/2 × 1 3/8 in
89 × 35 mm



Gypsum Cement Niche Shells



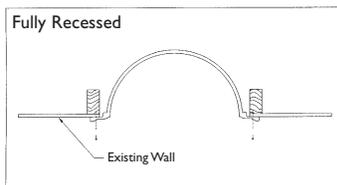
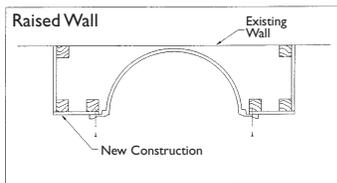
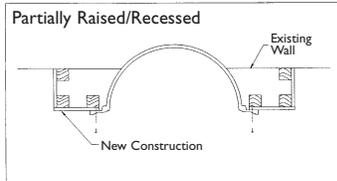
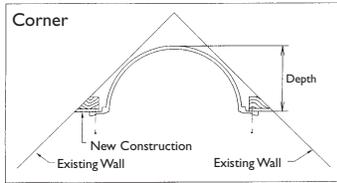
Niche shafts are available to match each shell shown. The shaft to match the 770D shell is part number 770E. The shaft to match the 776D shell is part number 776E, and so on. Niche shafts are available in any length up to 5 feet (1.52 m). When ordered together, the shell and shaft are shipped attached.



Installing a Gypsum Cement Wall Niche

Niche Planning

All Balmer gypsum niches are designed to be deep enough to hold a vase of flowers or a small sculpture. This depth is usually not available in existing walls. It is therefore usually necessary to design and build a structure to house the niche. The four diagrams at right show options for the design of such structures. In addition to the blocking shown, we recommend that a simple rectangular supporting frame constructed of two by fours be provided beneath the niche.

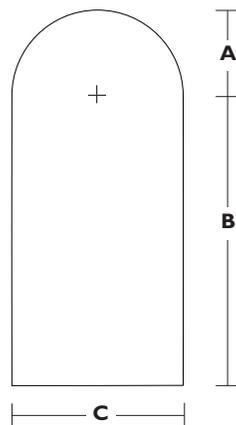


Installation

Once drywall work is completed, you are ready to install the niche itself. First, mark the outline of the recess opening as drawn below. A nail and string can be used as a compass to draw the semicircle at the top. The opening can then be cut using a jig saw or hole saw.

All niches should be fastened in place with Sheetrock 90 adhesive (made by U.S. Gypsum Co.) applied to the back of the niche margin and by countersunk drywall screws. Screws should be installed through the margin through pre-drilled holes. Ensure that the screws penetrate wood blocking or studs to a depth of at least 1 inch.

Custom niches should be additionally screwed in place through pre-drilled holes in the niche shaft into blocking.



No	A (in)	(mm)	B (in)	(mm)	C (in)	(mm)
771C	12 1/2	318	40 1/2	1029	25	635
775C	9	229	30	762	18	457
776C	13 1/2	343	62 1/2	1588	27	686

