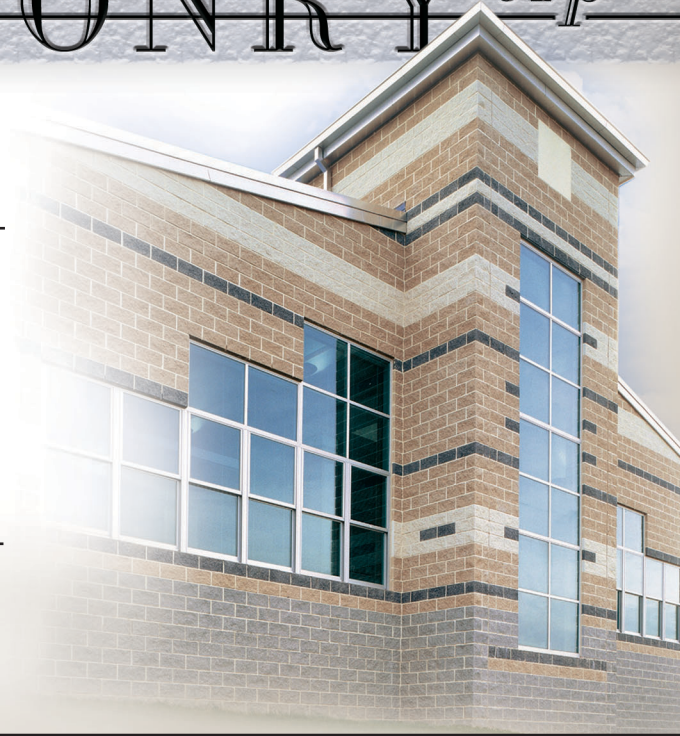


# PCMA MASONRY *tip*

## CONCRETE MASONRY FACE SHELL THICKNESS REDUCED BY ASTM

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ASTM approved a revision to **ASTM C 90 Standard Specification for Loadbearing Concrete Masonry Units** that reduces the minimum face shell thickness for 10 inch and larger units to 1 ¼ inches, the same as used for 8 inch concrete masonry units. The old standard permitted varying face shell thicknesses for 10 inch and larger units provided the design took into account the appropriate face shell thickness. The multiple options, however, could potentially lead to confusion in specification and design and have therefore been subsequently dropped from the standard. Note that Footnote F has been dropped from the specification as well. Reference ASTM C90-06 Table 1 Minimum Thickness of Face Shells and Webs.



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WHILE SMALLER FACE SHELL THICKNESSES RESULTS IN LIGHTER UNITS, DESIGN PROFESSIONALS SHOULD BE AWARE OF THE POSSIBLE EFFECTS ON PERFORMANCE FACTORS SUCH AS FIRE RESISTANCE, SOUND TRANSMISSION AND STRUCTURAL CAPACITY WHEN USING THE THINNER FACE SHELL.

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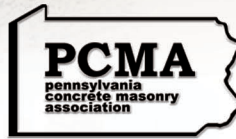
## ASTM APPROVED A REVISION TO ASTM C 90 STANDARD SPECIFICATION FOR LOADBEARING CONCRETE MASONRY UNITS

that reduces the minimum face shell thickness for 10 inch and larger units to 1 ¼ inches, the same as used for 8 inch concrete masonry units.



Technical information regarding concrete masonry is available through the National Concrete Masonry Association (NCMA). You can access this information any time on line from the home page of the Pennsylvania Concrete Masonry Association (PCMA) website [www.pacma.com](http://www.pacma.com) or through the NCMA website [www.ncma.org](http://www.ncma.org).

The PCMA website, features a listing of the producer members in Pennsylvania by location with contact information. The site also includes a listing of products and the producer members who can provide these products for you.



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# PCMA