



case study

Omni Block Project | System 8 + System 12

This project puts the flexibility of the Omni Block insulated CMU system on full display, with both 8" and 12" blocks. The multi-layered CMU geometry accepts molded EPS inserts within the wall while preserving cells for required reinforcing and grout, creating a durable masonry wall system that delivers structure, insulation and architectural character together.



Why this project stands out

- Two wall sizes: System 8 and System 12 are both incorporated on this project, giving the design team flexibility where wall thickness and structural needs change.
- Architectural masonry: Split-face and scored units show how Omni Block can be a finished design element, not something that has to be covered up.
- More finish options: Omni Block is designed as a stand-alone wall system and can be left exposed inside, outside or both. Units can also be integrally colored, burnished, split or scored.
- Built for demanding walls: System 12 adds another layer of masonry and another layer of insulation and can accommodate additional rebar and grout for commercial and institutional applications.

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What Masons are saying

Q: How much longer does it take to add a foam insert into Omni Block?

"A few seconds, it doesn't add any more time beyond normal steps in laying block."

Q: Is the process of having foam inserts involved with block a pain?

"No, it's not bad at all. It becomes easy very quickly. The whole thing becomes second nature."



Job-Site Support



We even set up an onsite-storage solution for the foam inserts, helping keep the mason supplied and the inserts protected and close to the work.

Project Details

Product: Omni Block System 8 + System 12 with split-face and architectural finishes

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