

CLEANING & SEALING RECOMMENDATIONS

Cleaning and Sealing Recommendations: PRIOR TO USE of any proprietary masonry cleaners, detergents, or 'breathable-type' sealers used on our smooth and split face MAXBric&Bloc®, we strongly recommend the cleaning or sealing solutions and methods are pre-tested well in advance for project approval for workmanship and final results on a separate sample mock-up, or, if owner designates, on a smaller, less-conspicuous area of the masonry wall. Results DO vary from project to project due to workmanship, masonry material, concentration-levels of cleaners, composition of the wall, and time of use. Refer to your cleaning or sealant manufacturer's instructions and recommendations for use.



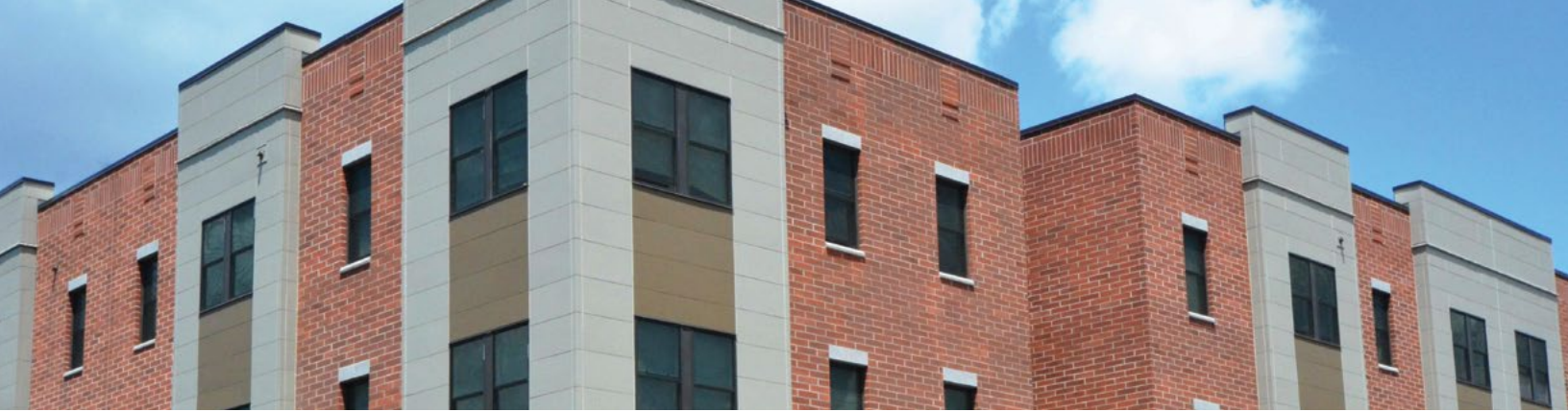
BEST PRACTICES

① ALWAYS CONSTRUCT A SAMPLE PANEL FOR APPROVAL

Mock-Up: Construct a masonry wall panel to represent the exterior masonry wall.

- Construct wall at least 4-feet long by 4-feet high.
- Locate where directed by Architect/Owner's Representative.
- Include reinforcing and minimum of one control joint and one outside corner.
- Include joint profile and mortar color.
- Erect entire mock-up with methods representative of daily construction and in-progress cleaning practices.
- Clean one-half of mock-up to represent final clean down using methods and materials in accordance with the cleaning requirements herein and leave remainder without final cleaning for comparison purposes.
- Receive acceptance of mock-up by Architect/Owner's Representative before proceeding with masonry installation.
- When accepted, mock-up will be used as standard of quality for masonry work.
- Leave field sample in place until project completion.
- Mock-up may not remain as part of the Work.
- Provide on-site inspection by a representative of mock-up construction and cleaning and submit manufacturer's letter of approval of the work procedures and the completed mock-up.





BEST PRACTICES (CONT'D)

2 CLEANING

A. IN-PROGRESS CLEANING: Clean masonry units as work progresses by dry brushing to remove mortar finish and smears before tooling joints as described in Article 3.04.B.3.

B. FINAL CLEANING:

- ① After mortar has set (reached initial curing); within 7 days of completion of work for concrete masonry units, clean exposed masonry as follows:
 - Remove large mortar particles by hand with wooden paddles and non-metallic scrape hoes or chisels.
 - Cut out any defective mortar joints and holes and re-point with mortar.
 - Protect non-masonry surfaces from contact with cleaning solution by covering them with liquid strippable masking agent, polyethylene film, or waterproof masking tape.

****IT IS SUGGESTED TO CLEAN A MOCK PANEL FOR APPROVAL BY ARCHITECT AND/OR OWNER BEFORE FINAL CLEANDOWN ON ACTUAL BUILDING. IF A MOCK PANEL IS NOT APPLICABLE, PERFORM THE CLEANING PROCEDURE ON AN INCONSPICUOUS TEST SECTION OF THE BUILDING FOR APPROVAL.**

- ② Clean custom CMU with a specialized masonry cleaner. Refer to the manufacturer for suggestions.
 - Follow manufacturer's instructions for cleaning.
- ③ Do not use high pressure cleaning methods.
 - Do not exceed nozzle pressure of 500 psi.
 - Use water flow of at least 4 gallons per minute.
 - Use at least 40 degree fan tip nozzle.
 - Keep nozzle at least 18-inches from face of the CMU.
- ④ Cleaned surfaces shall appear as represented by mock-up wall panel.
- ③ It is recommended to use a smooth CMU on the top course of the masonry where any soffit material will connect with the CMU. The turndown should be a minimum of 4-6" and should be properly detailed with backer rod and caulk.
- ④ Pan flashing is recommended at all areas where the downward flow of water will be impeded—base of wall, above all openings, and above all horizontal bond beam rows.
- ⑤ The single wythe masonry should be laid at least 4" below the poured concrete floor of the building to allow for proper moisture drainage away from the inside floor of the building.
- ⑥ Full head and bed joints are mandatory—they should be a minimum of the same thickness as the face shell of the CMU.
- ⑦ A compatible mortar admix should be used in the mortar when mixing on site. It is mandatory in cold weather conditions to keep the mortar admix from freezing at any time. It should be stored in a heated job trailer until use. Once frozen, mortar admix cannot be thawed out and used and still remain effective.

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