

STONE PATTERNS AT CORNERS & TOP OF WALL GUIDELINES

Custom Rock International
(General Practices & Procedures)

General Notes: Stone Patterns at Corners.

Typically, formliners made custom for corners are not available due to their high cost. However, if a stone pattern is to continue around the corner of a wall or structure, there are a couple alternatives to a custom made corner formliners. Both methods do not require special knowledge. A journeyman carpenter or mason with an eye for stone aesthetics can provide a natural looking stone corner using either method. However, the carpenter or mason must request photos and receive 'coaching' from an experienced sales representative.

- **EPS Foam Method.** The use of EPS (Expanded Polystyrene) foam on the inside or outside corner of a structure can be 'sculptured' or 'carved' to continue the formliner stone pattern at a corner

EPS Foam 2 lb minimum – Thickness – Equal to formliner.

Sculpting Rasp Rasp Model No TCW 23436 (Include Arbor & Nut #ARB-38
Borg Equipment & Supply Company
Sunland California 818-352-8717
Sacramento 916-635-0163

Drawings & Photos Request from Sales Representative.

Notes: The rasp is used to provide the initial shaping. The use of other objects, i.e., fingers, rocks can be pressed into the EPS foam to create texture. Typically, EPS foam is difficult to remove from concrete. Applying a couple coats of latex paint over the surface helps in the release. However, do not allow the liquid release agent to come in contact with the foam, unless the release agent is V.O.C. water base approved for plastics and EPS foam.

- **Cut Formliner Method.** Formliners can be mitered at a 45 or 90 degree angle or as needed to continue the formliner around a corner. Once the concrete has been placed and formliners have been removed, an experienced mason with an eye for stone aesthetics can 'bush', 'chip', 'feather' and 'patch' as needed to blend the pattern and texture at the corners.

General Notes: Stone Patterns at top of wall.

There are no formliners or 'concrete stamping tools' available in the industry for continuing a stone pattern from the face of a wall over to the top or horizontal side. Stones are shaped using journeyman concrete finishers experience in architectural or stamped concrete. Carving or 'shaping' stone patterns on the top side of a wall is accomplished using margin trowels, texture-skins, and release powder. It is recommended that the cement finisher requests photos and 'coaching' before proceeding. Practice on a test sample is also recommended.

Basic guidelines for shaping or carving stones at top of wall.

- When screeding, stack the concrete so it leaves a 'dome' effect or slight radius across the top. For example, a 12" wide wall can radius up to the center of the wall from 1/2" to 1" high.
- Use a margin trowel to create grout joints into the concrete, matching the same width and depth as the formliner. Grout joints must begin and end at a formliner grout joint to continue the natural flow. Remember to keep the stone size and shape similar to the formliner stone pattern.
- Timing is everything. Concrete cannot be shaped until it becomes somewhat like molding clay. However, an experienced architectural concrete mason will be aware of this process.

Technical Assistance – Isaac or Tom @ 410-356-9677 – Highlighted section is our suggested method