

AMERICAN CUBE MOLD, INC.

TESTING EQUIPMENT

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ACM-2K

INSTRUCTIONS

1. Place (1) plastic insert into each mold cavity with tabs extending outward.
2. Place a layer of mortar about 1 inch in all of the cube compartments. Tamp the mortar (with tamper provided) 32 times in rounds, each round to be at right angles to the other.
3. Fill the compartments to overflowing and tamp same as specified for the first layer.
4. Smooth the mortar to a plane surface flush with the top of the mold.
5. Cover, cure, store as directed by mortar manufacturer's instructions, or as specified in ASTM.
6. When cubes are ready for removal, pull insert tabs upwardly out of cavity.
7. Strip cube by cutting plastic insert with razor blade or as desired.

TECHNICAL NOTE

Cube Maker caps and pads **must** be used when testing cubes cast in the Cube Maker. This cap system can also be used on other cubes cast in other molds if desired. Use the **Red** polyurethane pads for testing cubes up to 4000 p.s.i., but change to the **amber** polyurethane pads if strengths are anticipated above 4000 p.s.i. Continuously apply load until load will not increase anymore. Sometimes load will fall sharply as a corner may fracture off the cube, but load will again increase. Test until cube specimen is completely broken and no additional load can be applied.