



Mortar Joint Installation

Mount u-channel and fiber optic cable directly between glass block courses, as shown in diagram. Use glass block without edge coating, as to allow for light transmission.

Using double-sided adhesive to hold u-channel in place, insert fiber optic cable into u-channel. Completely encapsulate the fiber optic cable and u-channel with Mica's silicone adhesive. This will protect the fiber from the mortar, and allow the light to pass through the courses of glass block.

Apply mortar to joint and set the block.

Continue this process, the fiber cable will serpentine back and forth, until all courses are laid.

At the end of the glass block wall, a channel will have to be created to hide the fiber cable where it passes from row to row. This channel must be a minimum of 2" deep to avoid kinking the fiber optic cable.

Backlighting

Using a 3/4" substrate, painted white, position the substrate 3" to 6" behind the glass block. Mount the u-channel and fiber optic onto the substrate at the grout line of each row of glass block, using adhesive and wood screws.

