

Concrete Block Insulating Systems

® ®  
**Korfil & ICON CMU**

**FIELD INSTALLED INSULATION  
TIPS FOR THE MASON CONTRACTOR**

Because of the typical designs of conventional concrete block, your masons and tenders will need brief instructions as to the correct field installation of Korfil and ICON insulation inserts.

Either of the insulation types must be installed prior to setting the block in place on the wall being constructed. This is extremely important, since in most cases, blocks are turned upside down to allow the wide mortar bed surface to face upwards. The insulation inserts **CANNOT** be installed into the wider mortar bed side (small core side) of the CMU once the block is placed in the wall.

Typically, CMUs palletized at the block producer's facility will have the narrower face shell edges (large core side) of the block facing upwards during the palletizing process. The "up" side of the block is readily recognized by core bar marks across the center of the webs. It is advisable that the tenders or masons install the insulation inserts while the CMUs are on the pallets prior to transferring the CMUs to the masons constructing the walls.

Korfil and ICON insulation inserts are designed to remain in the CMUs where vertical reinforcement and grouting are to occur insuring 100% insulation coverage of the wall. We have spent considerable time and money testing our products in independent laboratories and have available the test results of this effort. If required, you may contact our office and request #211-Korfil Structural Engineering Report, and we can forward it in PDF format.

ICON inserts should be installed either towards the inside of the inner face shells or towards the inside of the outer face shells. Consistency of the inserts installed in the same location in all CMUs is a must. Reversing the location of the ICON inserts during construction could possibly restrict the flow of grout into the wall.

Care should be taken in job site handling to avoid chipping and breaking of the blocks. Your forklift operator should exercise caution on rough terrain.

Daily cleanup and picking up of inserts that may have been removed makes a safer job and a happier General Contractor and Owner.

Field installed inserts are warranted to provide the published results in our literature, providing installation occurs to the same standards and procedures as used by block producers when installed at the block plant. Please refer to Details 1 and 2 on the following page.

Korfil Sales Managers and Engineers are calling on architects, engineers and national accounts daily promoting block buildings. We stand ready to help the Masonry Contractor in a joint effort to keep masonry in the forefront and masons working. Steel Stud, Tilt-Up or Pre-Cast Construction DOES NOT put money in your pocket. **OUR SYSTEM DOES!**

For additional information, call your local Korfil sales representative or

**CONCRETE BLOCK INSULATING SYSTEMS, INC. at 1-800-628-8476**

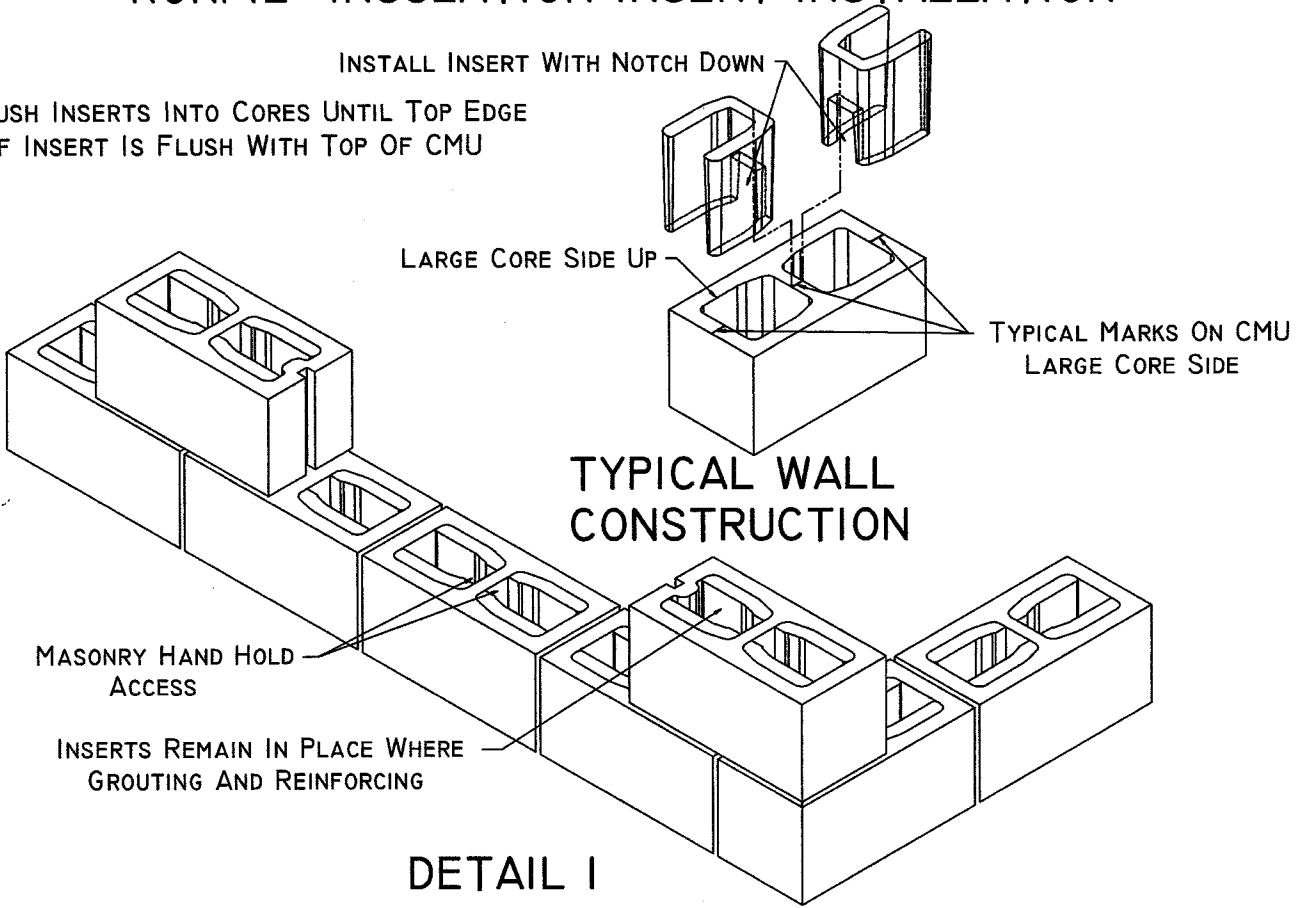


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# KORFIL<sup>®</sup> INSULATION INSERT INSTALLATION

INSTALL INSERT WITH NOTCH DOWN  
PUSH INSERTS INTO CORES UNTIL TOP EDGE  
OF INSERT IS FLUSH WITH TOP OF CMU



# ICON<sup>®</sup> INSULATION INSERT INSTALLATION

INSTALL INSERT WITH NOTCH DOWN  
AND TOWARDS CORE CENTER  
PUSH INSERTS INTO CORES UNTIL TOP EDGE  
OF INSERT IS FLUSH WITH TOP OF CMU

CONSISTENT ORIENTATION  
OF INSERTS AND CMU'S

