

RULER of THUMB With Masonry

FACE BRICK: CONFORM TO ASTM C-216 SPECIFICATIONS

FBS FACE BRICK FOR GENERAL USE IN MASONRY

FBX FACE BRICK IN GENERAL MASONRY WITH A HIGHER DEGREE OF PRECISION AND LOWER PERMISSABLE VARIATION IN SIZE

FBA FACE BRICK IN GENERAL USE SELECTED TO PRODUCE CHARACTERISTIC ARCHITECTURAL EFFECTS RESULTING FROM NONUNIFORMITY IN SIZE AND TEXTURE

CONTROL JOINT PLACEMENT IN CMU PRODUCTS:

DISTANCE BETWEEN JOINTS SHOULD NOT EXCEED THE LESSER OF 1 ½ THE HEIGHT OF THE WALL IN LENGTH OR 25-0 INCREMENTS

EXPANSION JOINT PLACEMENT IN CLAY UNITS:

AT CORNERS SHOULD BE PLACED WITHIN 10-0 OF THE CORNER IN EITHER WALL BUT NOT NECESSARILY BOTH.

VERTICAL PLACEMENT SHOULD NOT EXCEED 30-0 FROM JOINT TO JOINT

DIFFERENTIAL MOVEMENT: CLAY UNIT DESIGNED WITH CMU PRODUCT

PLACE SLIP PLANE INTO THE INTERFACE BETWEEN THE CONCRETE AND CLAY TO ALLOW UNRESTRAINED LONGITUDINAL MOVEMENT. BANDINGS SHOULD HAVE HORIZONTAL REINFORCING TOP AND BOTTOM AT DISSIMILAR MATERIALS

SHELF ANGLES: REQUIRED AT EVERY FLOORLINE ABOVE 30-0 FOR BRICK VENEER DESIGNS

RULE OF THUMB GUIDELINES

RADIAL BRICK: ONE INCH OF BRICK LENGTH CAN TURN 1 FOOT OF RADIUS

ANGLE BRICK: THE BRICK BOND WILL DETERMINE THE DIFFERENCE IN LENGTH OF THE BRICK FACES (half bond : half brick length = dimension difference in faces)

STARTER BRICK HALF BOND: 12" UNIT DIVIDED IN HALF PLUS THE HEAD 4" = 10"

16" UNIT DIVIDED IN HALF PLUS THE HEAD 4" = 12"

CAST STONE THICKNESS: 15" MAXIMUM LENGTH FOR EVERY INCH OF THICKNESS