



SECTION ON 'A' - 'A'
TYPICAL CONSTRUCTION DETAIL FOR RODS & MORTAR

Guide to Specifying Glass Morks - General considerations

1. Glass block walls are self supporting, but not load bearing, in addition to their own weight, they can withstand wind loads, horizontal line loads and impact loads. A lintel provides the head for the panel to be archared into whilst ensuring no downward pressure in placed on the glass blocks.

C Springs must be size as a great motivation of the specing distancians must be designed to suit glass black models. Glass blacks carent be cell like assessey bricks as less. To calculate the mission springs glass seed on using this 10% at Beha blacks with their pairs, natingly the notive of blacks by 700m (10% lacks - 10m paint) than addition, natingly the notive of blacks by 700m (10% lacks - 10m paint) than addition of the springs of

Glass black walls are connected to the surround by reinforcement bars being inserted into pre-drilled holes for panel anchors!. For best integral strength, panels should be installed into a four sided pre-prepared opening. The opening can be timber, brick, steel, concrete or block-work.

5. Glass blocks should not be installed when the surrounding temperature is 5°C and falling or 30°C and rising.

Joint sizes and spacer page.

Other spacers are available for the 80nm-thick blocks-6mm \times 6mm and 6mm \times 10nm and also for 100nm-thick blocks \sim 10nm \times 10nm.

Panel reinforcement and tying back to the perimeter opening.

Stainless steel ribbed reinforcement bars are used to tie to the opening. The rods preferred the equantion material and anathor the panel in place by connecting to the preferred to the preferre

Glass blocks specilists mortar - Colmet Vetronix

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Expansion joint sealer sealant.

Glass Block Panel With An Open Unsupported Edge

A panel supported at the base and restrained into just one vertical side (jane) will probably be finished using and glass blocks and a double-and glass block at the open corner to make the panel look aesthetically pleasing. To increase the panel strength, double stailless reinforcement burs, each course horizontally, must be incorporated.

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The data sheet connection detail & construction principles, should be designed and be specific to each project requirement or environment & calculations checked and qualified by independant structural engineers.

All information is accurate to the best of our knowledge at time of data sheet production, however Glass Block Technology Ltd. cannot be held liable in any way regarding the usage of glass blocks and the manner in which they er installed. Glass Block Technology Ltd. reserve the right to amend or correct changes at any time.

TYPICAL GLASS BLOCK PANEL SUPPORTED ON THREE SIDES

GBT113

Rev.

Scale 1:7.5 & 1:2