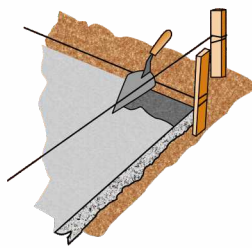


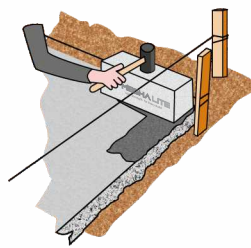
General Instructions

Wall Installation – 1st Level Coursing

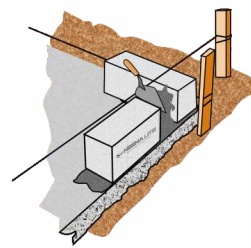
- Place a full width ½” deep sand-cement mortar joint using a masonry trowel. Mortar composition can either be 1:6 or 1:5 (Portland Cement : Sand) or any approved thin bed mortar.
- Set the first corner block in the sand-cement mortar.
- Increase or decrease the height of the block by tapping on the block with a rubber mallet or by adding additional mortar under the block.



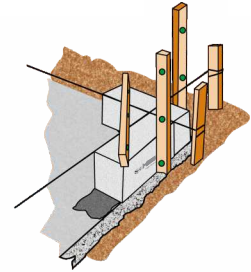
Start the Leveling Bed



Set the First Corner Block



Set Second Corner Block

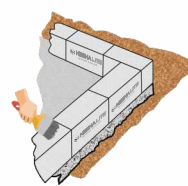


Repeat for Additional Corners

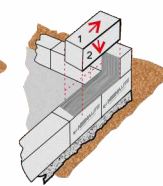
Wall Installation – Normal Course

- Clean the bed joint surface with a brush ensuring there's no dust or any other particles so that the adhesion with mortar is optimum.
- Now apply mortar to head and bed joints using a clean, notched trowel. Ensure that the mortar covers the full width of the joints.
- Carefully ensure each block is close to the head joint.
- Finally tap the end of the blocks with a rubber mallet ensuring full surface coverage of the thin bed mortar.
- Repeat the above steps till the wall is complete.

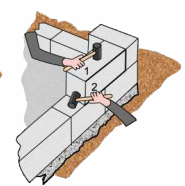
Clean Bed Joint Surface



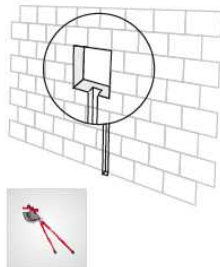
Set Block



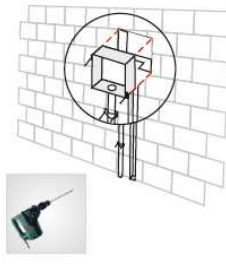
Tap the End of the block



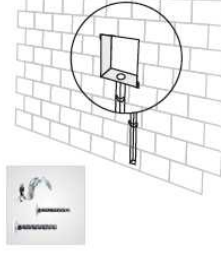
Chasing for Conduit



Install Conduit

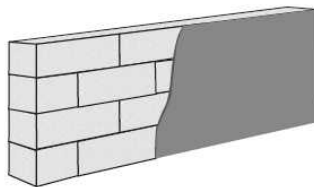


Install Electric Boxes



Making Conduits in Wall

- For the purposes of making conduits for electricity and piping make a chase with chasing tools or an electric router.
- Do not drill beyond 1/3rd the depth of the wall.
- After drilling conduits use mortar (1:6 – cement:sand) to fill the notch.
- Then install the necessary cables and fasten with clips if necessary.



Plastering

- Before plastering, cement slurry may be applied on the walls and only leaner mix shall be applied.
- The thickness must be 10-12 mm of 2 layers on the exterior walls and on the internal wall it should be 1 layer of 10-12 mm.
- Before plastering the wall should be watered adequately.
- After watering, plastering should be done by applying rendering material. Chicken mesh should be used during plastering the wall. Chicken mesh is a must while plastering along the beam / column (concrete) - block joints.
- Only well-sieved sand should be used for plastering.
- Once done, the plastered wall should be watered for 7 days.

Corporate Office

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