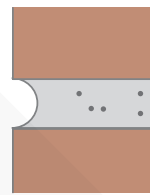


DESIGN & SPECIFICATION CONSIDERATIONS MORTAR JOINT PROFILES

The perfect selection of mortar joint material / Chemical / adhesive is essential for long term performance of masonry. Masonry that remains saturated is more susceptible to frost and sulphate attack. The choice of joint profile should therefore be based first on performance criteria with aesthetic considerations being secondary. Tooling of the joints to compact the mortar improves durability and rain-shedding qualities. The strength of mortar also affects long term durability of brickwork therefore, it is recommended to seek advice on what mortar strength and joint profile is most suitable for a particular application and exposure zone.

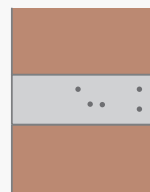
Quality of Workmanship

- The quality of workmanship on site can have an overriding effect on the weather resistance of the brickwork.
- Bricks should be laid on a full bed of mortar.
- Care should be taken to ensure that mortar is not scraped onto the exposed face of the brick.
- All cross joints and collar joints should be fully filled.
- Immediately after the brick is laid, excess mortar should be removed from the external face of the wall.
- However, customers are advised to use suitable mortar & recommended chemicals for joints/ grout.



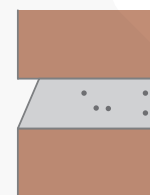
Curved (Bucket Handle)

This joint gives an improved appearance over a flush joint, with little reduction in its strength. Owing to the compressing of the joint and the superior bond, it has good weather resistance and is suitable for all grades of exposure.



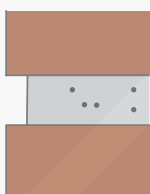
Flush

This gives maximum bearing area and is often preferred when coarse textured / hand mold bricks are used. With some brick types the finish may appear a little irregular. Suitable for moderate and sheltered exposures as the mortar joint has not been compressed by the finishing tool.



Struck or Weathered (Weather-struck)

This produces a contrasting effect of light and shade on the brickwork. Such joints, when correctly formed, have excellent strength and weather resistance and are suitable for all grades of exposure.



Square Recessed (Raked)

This can produce interesting articulated joints, but weather resistance and strength will be considerably less than other joints. This joint is suitable for interior brick work. Recommended width is 10mm for joints

Note : Although the instructions contained in this publication and any other information published by Radha-krishna Bricks Industries are indicative and strictly for guidance only. RKBI accepts no liability in relation to their use or for any losses, what so ever caused. The Buyer is fully responsible for taking all reasonable steps and safe guard the use of the products.

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