



Specification for mortar skew fillet

- Mortar:** St Astier NHL 5 (only named because St Astier limes have the best 'reaction' with additives) with water repellent.
- Ratio:** (nominally by volume) 1 part binder : 2 parts any sharp concrete sand with additive Magnesium Stearate (supplied in pre-weighed sachets to dose per bag of lime). See attached calculation tables for sand volumes.
- Mixing:** Add just enough water to achieve a stiff consistency for forming the fillets. Overly wet mixes may bleed or leach, where the masonry units offer no suction, if this occurs a poor bond to the masonry will result too.
- Application:** By hand ensuring the fillet is no more than 50mm in width and finished at an angle that will shed water onto the slates.
Leave the mortar work to become 'leather' hard before beating back with a 'churn' brush to ensure good compaction and bond with the masonry units.
- Curing:** Cure with light misting with clean potable water such that the mortar does not fully dry out at any time within the first 4-5 days where ambient temperatures are 15⁰C average and where protection is provided in circumstances where there is a risk of temperature fall. Should the average temperature drop by say 5⁰C allow a further 3-4 days curing.