

REBUILDING BRICK/MASONRY

- 1) Identify Brickwork and Masonry joints that require removal and re-pointing.
- 2) Carefully open up the centre of the cement joint by use of vibrating fein cutter taking great care not to cause any damage to adjacent joint arisses.
- 3) Proceed to remove to upper and lower sections of the mortar joints by a firesharpened chisel and masons mallet working away from the stone arises at all times.
- 4) Once all facing mortar has been removed clean out the lime mortar joint behind back to a depth of twice the height of the joint, (Typically 5-10mm height back to 25mm in depth).
- 5) Thoroughly clean out joint with clean water and saturate with clean water 2 days previous to repointing and cover with damp hessian sacking to keep moist.
- 6) On the day of re-pointing mix the approved mortar mix as below and allow to settle 2-3 hours before use again to prevent any shrinkage.
- 7) A range of 6 Mortar Mix samples to be agreed using a combination of sands ,aggregates and limes including hydraulic limes NHL3.5.
- 8) Using 3-10 mm wide pointing irons (dependant on joint size) firmly press back mortar mix into the joint and trowel back to flush finish finishing the work area no later than mid-afternoon to allow a suitable going off period for tamping back.
- 9) Once mortar has slightly gone off and formed a slight crust to the finished face firmly tamp back using a masons churn brush taking great care not to catch this whilst still wet otherwise staining to the masonry face will occur, sponge clean to expose aggregates within the mix.
- 10) Once the mortar is fimly tamped back into the joint cover over with damp Hessian and return back to the work the following morning.
- 11) Clean away any residue from mortar arises using a phosphor bronze bristle brush, clean water and sponge, Continue to spray work area to keep damp until required to prevent overdrying and shrinking.