

Burnt Sand Mastic – Application Guide

TOOLS

The following suggested tools are for guidance purposes only;

- Small hawk or mastic box
- Small tool, or mastic trowel
- Mixing pot
- Painters fitch brush
- A cleaning solution suitable for removing oil from tools

PREPARATION

In general, this will be determined by the purpose and application of the Burnt Sand Mastic.

We would expect appropriate preparation in accordance with best practice; where the surface is clean, free of dust and other debris.

Before pointing ensure that all wide gaps between the frames and the masonry are tightly packed with well haired lime mortar that has been allowed to cure and harden (this was the original material used to bed window frames). In some circumstances inert filler boards of suitable packing can be used. Keep the joints slightly recessed 4-5mm.

Take a small painters fitch brush and apply a light primer coat of the supplied oil driers to the frame and the adjoining masonry surface, making sure that the line of the proposed mastic joint is maintained.

MIX RATIO

Typically 1:4
4-parts sand to 1-part oil by volume

MIXING

The Burnt sand mastic is combined with a mixture of oils and driers (supplied with the sand mastic) on a clean surface, mix thoroughly using the minimum amount of oil. The quantity of oil listed above as 1:4 will initially give a very crumbly mix; however it will significantly wet up with more mixing; over oiling the mix will make it unusable by the time it is thoroughly mixed.

Once mixed with Oil the mastic will harden/cure; the time will vary considerably on the ambient temperature and the colder it is the slower the cure will be.

Mix **ONLY** the amount which can be used in a few hours.

For best colour results for a pigment Burnt sand mastic mix all in one go.

As a dry mixed material, it is possible that some settlement or separation may occur in the tub during transit; when mixing part tubs, it is especially important that the dry contents are thoroughly blended

prior to mixing with the oil blend. (If the mix is over wet, let it stand in a warm place for a few hours to stiffen up then remix vigorously before use).

APPLICATION

Working with a mastic box or a small hawk and a proprietary mastic trowel press the mastic firmly into the angle of the frame / jamb and filling from the bottom up, forming the mastic joint to a neat 45 degree angle.

Keep tools wiped with an oiled cloth during the application.

After forming the angle, starting from a corner, press a clean oiled mastic trowel tightly against the face of the timber frame and masonry jamb and carefully press and draw the trowel to create a neat regular fillet. Clean away any excess mastic and wipe the finished timber edges on completion.

For mastic to sills, ensure the mastic does not bridge any drips and is left recessed behind the drip check. Mastic should not be over painted. Mastic fillets should be neat 20 - 25mm across the diagonal face, mastic should not be used to make up damaged arises or defective renders, these deficiencies should be repaired properly before mastic work commences.

After use; any materials like blu-roll (paper towel) or linen cleaning cloths should be dunked in water before disposal, there is a small fire risk if the cloth is left in warm conditions.

Each project is unique; always seek professional advice before undertaking a project if you are unfamiliar with the materials.

AFTERCARE

Burnt sand mastic takes some time to fully cure and harden, it is quite temperature dependant but should be somewhere between 1 and 3 weeks before protection can be removed. Protection such as plastic sheeting or hessian should be hung to prevent accelerating drying from direct sunlight which can alter the surface colour, and to protect from rain whilst the mix is still green enough that it could be washed out.

**All Cornerstone products are manufactured under an ISO9001:2015
accredited Production Control System.**



Manufactured by Cornerstone Mortars. Supplied via Cornish Lime.

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