



BUTCHER
PLASTERWORKS

**METHOD STATEMENT
FOR
REPLICATION, MANUFACTURE & INSTALLATION OF FIBROUS PLASTER CORNICE TO
MATCH EXISTING
AT
44 CHALCOT CRESCENT, LONDON, NW1**

Labour

Only competent persons shall be employed to carry out the works both in our workshop and out on site.

An experienced working foreman shall be in charge of any further operatives on site and will oversee all works on site.

An experienced workshop foreman shall be in charge of all operatives in the workshop and will oversee all elements of manufacture.

All site personnel shall conform to current Health and Safety requirements with particular attention to contract risk assessments.

Works

Template

To accurately replicate an existing cornice we must first take a template from the original.

This is known as a “squeeze” and consists of taking a plaster template of the profile (shape) of the cornice and then the removal of small sections of any ornate or enriched detail.

These sections would be removed simply by cutting with a hand saw or if necessary a small angle grinder.

In the event that we cannot remove ornate detailing then a silicone rubber with thixotropic additive can be applied to take a moulding in-situ.

Manufacture

Using the template and enrichments taken from the original cornice a master model is produced. To do this the profile is drawn and then cut to shape on a zinc running mould.

Using the running mould a plaster reverse is formed of the cornice profile. The enrichments are then added to the plaster reverse. This process is repeated until you have a full size model of the cornice (between 2m – 3m depending on profile size).

Once the full size model is complete a silicone rubber mould is poured and this is then the master mould that is used for all plaster casts.

All new casts will be manufactured in traditional fibrous plaster (casting plaster with Hessian scrim and timber laths).

Installation

After a period of drying new plaster casts are transported to site ready for installation.

Plaster mouldings are fixed purely with zinc screws and fibrefix adhesive.

All fixing points, joints, and mitres are then made good using the same plaster mix as the casts are manufactured from.

After a further period of drying our work is then complete and ready to receive decoration by others.

Materials

The composition of fibrous plaster mouldings is very basic and is formed entirely of casting plaster (mixed with water), timber laths and Hessian.

Various other materials are used during the manufacture of the moulds but this work is restricted to our workshop environment.

The core element of the product is casting plaster and COSHH details for this product are attached.