



HERITAGE BRICKWORK RESTORATION LTD

‡ RENOVATION AND CONSERVATION CRAFTSMEN ‡

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METHODOLOGY STATEMENT

Location of Property: Meopham Green Baptist Church, Wrotham Road, Meopham, Kent DA13 0QA

Date Drafted – 11th July, 2024 by Marcus Clark, Heritage Brickwork Restoration Ltd.

The method used to remove the paint is using the DOFF Integra System which is a steam based removal cleaning system for stone and brick. It is unlike any other steam system and can achieve temperatures of 150 degrees C (300 degrees F) at the nozzle end. The operator is able to vary the temperature and pressure to remove many types of paint or biological matter.

The water supply is fed via a pump into a hot-box where it is rapidly heated to temperatures of up to 150 degrees C. The heated water is then fed through high temperature heat resistant hoses to the special nozzle. When the temperature in the system is high, the pressure on the surface being cleaned is very gentle and the volume of water is low – around 3 to 5 litres per minute. Once cleaned the surface dries within minutes which prevents any long term damage as a result of trapped moisture.

As the system uses only water, there is no chemical run off, odour or other environmental concerns; the process is as eco-friendly as possible.

It will be necessary to lay down a membrane on the netted scaffold and on the ground floor, to capture all stripped paint to be disposed of in accordance with current regulation.



VAT Registration Number 301 4001 87 Company Registration Number 08904342
Registered Office Address – 11 Nash Court Road, Margate, Kent, CT9 4DJ



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The maximum operating pressure of the DOFF System is 100 bar 1450 psi. A few sample patches were carried out at the property Meopham Green Baptist Church, Wrotham Road, Meopham, Kent DA13 0QA on 17th January 2024, using a maximum of 75 bar, and this proved entirely successful in removing the layers of paint back to original brick.

We would be starting at the top of the building moving down systematically until all the paint is removed. We need access to a power and water supply in order to carry out this work.

All operatives in the company are fully trained and equipped with PPE for the use of the equipment and safe removal of all spoil.

The DOFF system is relied on by architects and building restoration companies across the UK for innovative and effective stone, brick and substrate cleaning.



THE GUILD
of MASTER CRAFTSMEN



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