



Proposed wash system. The Doff System by Stonehealth has been used on historic buildings and is suitable for the removed of dirt from brickwork and masonry. The system works at high temperature - damage to the brick face is minimised as the pressure and water volume on the surface are low

Temperature range	30 - 150 °C
Operating pressure	100 bar (1450 psi)

The level of cleaning will be carried out to remove soot and dirt from the bricks for the most part, revealing the original colour.

Where there are areas with heavier soot deposits, such as towards the upper parapet wall lines, test areas will be trialed at a higher pressure - this is to ensure that the sooting can be removed with no damage to the face of the brick.

Brickwork cleaning method



Existing Brickwork

Heavy sooting with varying dirt depending on location and height on elevation.

Red rubber banding stained



Cleaned Brickwork

Cleaning with a high temperature wash has removed the heavy staining, however not removed the face of the brick. Some sooting remains - the intention is not to return the brick to the 'as-new' condition but to generally improve the tonality of the elevation

Illustrative examples of results from using Doff system - existing and cleaned brickwork at 100 Hassett Road, Grade II listed building in Hackney, E9

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1401/St Giles Circus -  
10 Denmark Street -Brickwork cleaning