

## **20 FINSBURY CIRCUS, 40 BLOMFIELD STREET, LONDON, EC2M**

Following investigation works to determine the cause of the fractured stonework to the ground floor columns Triton Building Conservation were appointed by Watts Group PLC to undertake the remedial works.

Prior to the removal of the defective stonework the pilasters were detailed to allow the manufacture of the replacement units. A number of Portland samples were provided from



Triton's stone library before agreement was made on Perryfield based bed.

During the works close co-ordination was kept with the adjacent shops to minimise any impact on their day to day trading. Following the erection of the scaffold the stone was isolated and carefully broken out to expose the rusting steel frame. This was mechanically cleaned to remove all the surface rust and treated with Epigrip epoxy aluminium primer. Once cured stainless steel restraints were attached to the steel column and isolated to prevent cross corrosion with the mild steel.

Finally the replacement stone units were delivered to site and lifted into position by means of a running beam and lewes pins. Once correctly sited each unit was bed on a lime based mortar and tied back to the restraints by means of stainless steel locating dowels and resined in position.

Upon completion of the fixing, all new stonework was repointed with crushed stonedust and Natural Hydraulic Lime.

