

GIROMAX PROTECTIVE COATINGS PROGRAMME

Thursday 19th June 2025

Mr Lewis Mckenzie
McBains
London Office
26 Finsbury Square
London
EC2A 1DS

For the attention of: Lewis Mckenzie,

RE: Rutlish School & Raynes Park High School

Dear Lewis,

In response to your request and the subsequent photo evidence received of the above project I am pleased to submit for your consideration my Observations, Proposals and Specifications. To fully assess our proposals please refer to the nominated Technical & Specification Literature.

GENERAL INTRODUCTION

Profiled Metal has a long serviceable life if maintained. But neglecting repaint guidelines can mean the owner faces early roof replacement. Over-sheeting is not the simple answer it first appears. It can be of poorer quality than the sheet substrate or coating being replaced, with problems of weight, condensation, leaks and of meeting current building regulations. On the other hand, choosing the wrong re-coating material can mean expensive repainting every 10 years.

GIROMAX® is the revolutionary next generation of coatings, designed to provide protection equal to, or better than the original through advanced corrosion treatment and encapsulation.

Uniquely, both GIROMAX® BaseCoat and SE Sealant stabilise the substrate using laminar flake technology that seals and bonds with corrosion.

GIROMAX® RoofCoat and GIROMAX® Guttercoat coatings provide outstanding resistance to weathering to retain lasting flexibility and adhesion without cracking or peeling. It can easily accommodate sheet movement and remains unaffected by UV and temperature extremes. Fully moisture tolerant, it can be applied in the wet and hardens to a tough elastic coating with high impact and dirt resistance.

OBSERVATIONS AND RECOMMENDATIONS

EXTERNAL ROOF SHEETS (Observations taken from photo evidence supplied)



The area of roof under consideration consists of pitch profiled metal sheets finished in PVC Plastisol which appears to have reached a condition approximating its **Repaint Phase 1-2** (see Coating Repaint Guide – appended.) This is based on the evidence that was viewed from the photo evidence received.

The sheets have succumbed to UV attack

Repaint Phase 1-2, determines that the original factory coating has started to colour change with a chalky residue finish, in some areas viewed the coating has broken down (Micro checking/Grazing) and that the coating is delaminating and exposing the bare metal substrate.

Once all heavily soiled, dirt, moss and possible loose coatings are removed by the specified jet wash system, the sheets will be ready for a new 200 micron finish coating.

ADDITIONAL VARIATIONS TO THE STANDARD SPECIFICATION REQUIRED

There are some systems on the roof that will require adhesion testing being carried out to decide whether our coating will require a base coat primer or potential full removal.

In addition to these tests the client has asked that the side laps and fixings also be sealed as well as the standard lap/ridge joint detail, primarily on the features highlighted in the photo evidence above.

This will include a similar process to the Cut Edge Specification and Fixing Encapsulation Specification attached.

Review

This very much suggests that standard high pressure cleaning with a spinning head (minimum 3000 psi at the tip) can be utilised to prepare the sheets prior to the GIROMAX® RC application.

We can therefore recommend and propose that the roof sheets be treated to our GIROMAX® Roofcoat RC system.

As discussed the full GIROMAX® RC system is to be considered to extend the roof sheet life and re instate the protective coating that is in question.

In order to treat the roof, all sheet corrosion, lap joints, gutter edges and fixing points are treated to GIROMAX® basecoat. Lap joints (including flashing and ridge sheets) are sealed with GIROMAX® sealant and GIROMAX® Roofcoat . One coat of GIROMAX® Roofcoat is then spray or roller applied, to achieve a minimum thickness of 200 microns, Reinstating the protective coating.

System Specification: GIROMAX® METAL ROOF – appended

All products in the GIROMAX® range of protective coatings come with standard material guarantees.

GIROMAX® Metal Roof Treatment carries a 25 year material guarantee.

GUARANTEES

All products in the Giromax range of protective coatings come with standard material guarantees.

GIROMAX® Metal Roof Treatment carries a 25 year material guarantee.

GIROMAX Wallcoat® Wall Cladding Treatment carries a 10 year material guarantee.

CONCLUSION

I trust the above and enclosed details meet with your approval and take this opportunity of thanking you for considering our services. Should you require any further information or clarification of our proposals please do not hesitate to contact us when we will be pleased to help you in any way we can.

Assuring you of our best attention at all times.

Yours sincerely

Mark Smith.

Technical Service Manager - South

Giromax Technology Ltd.

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