

PAINT SPECIFICATION

Object : Metal cladded Roof/sides

Number of m² : m2 (: m2 per unit x)

Customer :

Applicator : TBA

Distributor : Andrews Coatings Ltd
Carver Buildings, Little Lane
Wolverhampton.
West Midlands
WV1 1JY

Consultant :

Reference number :

Date :

Paint specification

Construction: Pitched Roofs and vertical cladding covering concrete block building (approx. 20 years old).

Stated requirements from coating system

The client has requested that this coating system application be endorsed via a Rust-Oleum 10 Year Product Warranty Certificate.

Substrate: The roof and sides are a galvanized steel structure with a plastisol coating.

Existing coating: Original Plastisol.

Current condition: The existing coating is generally well adhered although there are some areas where it has started to delaminate there are also some small areas of rusting.

Exposure: The roof will be exposed to typical UK weathering within an industrial environment. From the location of this building, the exposure is estimated as being C4 environment as detailed within ISO 12944

Surface treatment:

The entire roof should be thoroughly washed and degreased via high pressure washing at a pressure of 3000 - 3500 psi. (Approximately 200 – 250 bar). This water jetting operation to incorporate a 5% solution of ND14 and this cleaning solution must not be allowed to dry on the surface; whilst still wet, ensure that the cleaning solution and all resulting loosened contamination is removed via rinsing with copious amounts of fresh clean water.

Any areas which have been noted to exhibit vegetative contamination are to be treated with Rust-Oleum AMW. This should be liberally applied to the affected surface and allowed to act for 24 hours. After this period, the residue of the vegetative contamination is to be removed via dry brushing or water jetting depending upon applicator preference and site conditions.

All rusted areas are to be mechanically de-rusted (with disc Sander or mechanical wire brush) to achieve a cleanliness standard of **St3** ie no brown rusting to remain visible. Where this leaves a “leading edge” of existing coating, this should be feathered to a firm edge.

Priming:

Rusted areas. Any areas which have been de-rusted must be primed on the same day. These areas are to be locally primed with one coat of Noxyde (shade No. 10 English Red) at an approximate theoretical coverage rate of 400 gms per square metre. Allow to dry for a minimum period of 24 hours at 200C.

Bolts – to receive a good brush with Noxyde 10 (English Red). Allow to dry for 24 hours.

Edge laps

Any gaps on sheets or roof light areas are to be closed, by replacing with new bolts or rivets in order to seal up any gaps.

Paint system:

Coat 1

Roof area

Using a variable or slow speed drill and mixing paddle, mechanically mix the contents of each unit of Noxyde (standard shade to suit) for a minimum period of 3 minutes until a homogenous mix and colour is achieved, with no unmixed material remaining on the bottom or sides of the can.

Apply by airless spray, one coat of Noxyde at an approximate theoretical coverage rate of 400 gms per square metre, sufficient to provide a dry film thickness of 175 microns.

Allow to dry for a minimum period of 24 hours at 200C before applying any subsequent coatings.

Vertical area

Apply by airless spray, one coat of Noxyde at an approximate theoretical coverage rate of 300 gms per square metre.

Allow to dry for a minimum period of 24 hours at 200C before applying any subsequent coatings

Coat 2

Roof area.

Using a variable or slow speed drill and mixing paddle, mechanically mix the contents of each unit of Noxyde (differing shade to Coat 1) for a minimum period of 3 minutes until a homogenous mix and colour is achieved, with no unmixed material remaining on the bottom or sides of the can.

Apply by airless spray, one coat of Noxyde at an approximate theoretical coverage rate of 400 gms per square metre, sufficient to provide a dry film thickness of 175 microns.

Allow to dry for a minimum period of 24 hours at 200C before applying any subsequent coatings.

Vertical area

Apply by airless spray, one coat of Noxyde at an approximate theoretical coverage rate of 300 gms per square metre.

Allow to dry for a minimum period of 24 hours at 200C before applying any subsequent coatings.

It has been advised by the client they intend to apply an additional coat of Metal Cladding Top Coat for decorative reasons. Apply by airless spray one coat of metal cladding topcoat at a coverage rate of 8m²/ltr sufficient to provide a dry film thickness of 45 microns. Rustoleum can confirm that this system is perfectly compatible, however this will not increase the protection period on this project.

Product quantity requirements (allowing for 20% profile and 10% loss factor)

ND14 Cleaner Degreaser 3 x 5lt

AMW Fungicidal Wash 20 x 5lt

Noxyde 10 English Red 1 x 20kg

1st coat Noxyde 39 x 20kg

2nd coat Noxyde 39 x 20kg

Metal Cladding Topcoat 9 x 10lt

Remarks

The above Specification specifically mentions constant temperatures of 20oC. Deviations from this temperature during application and curing of the individual coats are possible (within the limits described in the Product Data Sheet) but may have consequences for overcoat periods etc. If in doubt, please refer to the relevant Product Data Sheet or to Rust-Oleum Technical Services Department.

As this work is to be covered by a 10 year Product Warranty Certificate, this Specification becomes valid only upon receipt by Rust-Oleum of a completed Warranty Filing Card. This Filing Card **must** be received by Rust-Oleum prior to any works start. Product quantities to be confirmed (prior to project commencing) once actual surface area is confirmed.

General Remarks:

- a) The above mentioned consumption is only indicative and can only be determined at the moment of execution of the work.
- b) The above mentioned specification is valid for a period of 6 months. After these 6 months a new visit is mandatory to establish the condition of the substrate.
- c) The substrate must be free of grease, oil, dust, dirt, etc. so that the adhesion of the coating is not negatively influenced. Old coating layers that are not to be removed have to have a good adhesion with the support. The painter guarantees a sound substrate and a correct surface preparation.
- d) The above quotation is made in good faith from the information provided. Any coating failures which are the result of conditions not within the control of Rust Oleum Mathys are out of the scope of the specification.
- e) The work must always be executed by a competent applicator, inline with the product data sheets. These are freely available from your supplier or can be downloaded from www.rust-oleum.eu in order to ensure that the most up-to date information is at hand.
- f) In case of queries concerning the paint specification or the execution of the work, please contact your sales representative or the Technical Service Department of Rust-Oleum Mathys*.
- g) All the above are subject to our general terms and conditions freely available upon request.

Technical Service

* Rust-Oleum Mathys is the tradename of RUST-OLEUM NETHERLANDS BV Roosendaal, Netherlands and NV MARTIN MATHYS SA, Zelem, Belgium.