

PRODUCT INFORMATION SHEET

RUST BASE

Product Description

Iron based paint to be activated by Oxidising Patina for creating genuine rust finishes. Suitable for interior and exterior application.

Product Code: 223

Constituents: Iron powder, Acrylic Styrene Co-polymer emulsion, cellulose thickener, carbon black pigment, wetting agent, defoamer.

Product Application

Prepare surface to be painted with appropriate sealer. Generally this can be a water-based acrylic emulsion undercoat/primer, however, always seek professional advice. Metal substrates will need a specific undercoat. Whichever sealant is chosen it must dry to a matt/satin finish. Langridge Rust Base will not adhere permanently to gloss surfaces.

Once sealer has been applied and fully dried, apply a coat of Langridge Rust Base. Stir Rust Base thoroughly before application as the iron content settles in the container upon standing. It is recommended that application is by brush, but a short knap roller or spray application may be used. If spraying, be aware that the iron powder will rapidly wear the spraying tip.

Leave to dry, approximately 15-60 minutes. The surface should have a very fine 'sandpaper' grit quality. Apply a second coat as before and leave to dry. Be generous in application as the more paint is on the surface, so the stronger the final rust effect will be.

After the second coat has dried the surface should have a more pronounced 'sandpaper' grit quality..

To activate the Rust Base to produce rust finishes apply Langridge Oxidising Patina. Shake bottle of Oxidising Patina well before use. Pour some patina solution into a clean shallow bowl. Dip a brush or sponge into the patina solution and apply to the surface painted with Rust Base. Fully saturate the surface with patina to allow the longest possible time for activation. Leave to air dry. For best results apply in temperatures between 16-32 degrees centigrade. Discard any working Oxidising Patina solution left in the bowl. Working solution should be considered contaminated and should not be returned to the stock bottle. Langridge recommends the surface stays wet/damp for a minimum of one hour. The longer the solution stays wet the more pronounced the finished rust finish will be.

Langridge Rust Base is a genuine 'living' rust and, as such, has all the inherent issues associated. It will continue to evolve in colour over time and, when rained on in the initial 72 hours of application, may release rust that can stain areas beneath such as sandstone and other pavers. Langridge takes no responsibility regarding colour development or staining run-off.

ADDITIONAL PRODUCT INFORMATION

Exterior Application

Be careful to shield the rust surface from wind when applying Oxidising Patina outside as air passing over the wet surface can dry the patina solution before it has had time to react the metal. When applying the Oxidising Solution in exterior position (esp. wall surfaces) it is recommended to temporarily shield the wet surface from passing airflow by draping and securing a plastic sheet over the surface. Having the plastic in contact with the Oxidising Patina/Rust Base does not affect the final result.

Sealing of the finished surface



Langridge does not recommend varnishing of Rust Base as the use of acrylic or oil based varnishes dramatically reduce the visual appearance of the finished rust patina. Colour does not rub off finished Rust Base.

Application to metal substrates

If applied to metal, there is the potential for the rust to corrode the substrate. Langridge recommends application of an anti-rust metal primer prior to painting. If the metal substrate is architecturally structural DO NOT apply Rust Base without isolating primer.

WORKING PROPERTIES

Thinning

Langridge Rust Base should not need thinning, but if needed, for best results thin with distilled water. Tap water may be substituted. The use of tap water which contains impurities such as metal salts may lead to the lowering of reactive function of the chemicals.

Appearance

Langridge Rust Base is a black colour liquid-gel with faint ammonia odour. Iron powder may settle to the bottom of the container after time, stir thoroughly, ensuring all iron powder is dispersed throughout.

Clean Up

Clean brushes with warm water. For further washing apply a small quantity of Marseille or other pure olive oil soap and massage the bristles of the brush to release any remaining colour. Wash thoroughly in warm water.

Drying Times

15-60 minutes to touch dry. Any airflow over the surface will evaporate the water content more rapidly which will reduce chemical activation times.

Full film drying 72 hours

Available in:

500ml (2235), Litre (223L), 4 Litre (2234)