Axolotl

FOR INSPIRED ARCHITECTURE

SPECIFICATION DATA SHEET - AXOLOTL PAINT Micaceous
For the information of Specifiers and Trades

Product description

Fine particles of pigmented iron oxides fuse to create soft lustrous effects. The range was developed in a select range of hues suited to architectural detailing and complimenting the vast range of Axolotl metals. Axolotl Micaceous can be spray or brush applied in two coats to create even or directional effects. With low VOC's, the water based collection is easy to use and suitable both internally and externally.

Suitable surfaces

Refer to specific treatment for the appropriate substrate

1. Masonry, cement render, bagged masonry, concrete, clay or concrete bricks or blocks
2. Internal and external timber
3. Exterior steel
4. Concrete
5. Galvanised metal and zincalume
6. Previously painted water based paints in sound condition
7. Previously painted water based paints in unsound condition
8. Paperfaced Plasterboard and Plaster
9. Previously painted oil based paints in sound condition
10. Powdercoated metals in sound condition

Micaceous substrate preparation + priming

All surfaces must be inspected to ensure they are properly adhering, free of oils, grease, loose particles, dirt, mould, algae, moss, or other foreign matter. All loose and flaking material should be thoroughly scraped and sanded. Gloss areas should be sanded or etched to provide good key. Nail holes, gap sealing and other filling should be completed before applying base coats or Micaceous. Surfaces should be dry.

1. Masonry, cement render, bagged masonry, clay or concrete bricks or blocks, concrete.

Metal setting angles should not be used with external rendering as corrosion of these can cause staining and damage to the paint film. Cement render, mortar and concrete should be allowed adequate time to cure before the application of paint (generally more than 3 weeks). Apply one coat of Axolotl Primer coloured Grey directly from the tin to dry clean surface by brush, roller or spray. Apply in a thick even coat ensuring complete coverage at a rate of approximately 8 – 10 m2 per litre. Allow 12 hours drying prior to the application of Micaceous. Thinning with up to 10% water in hot or windy conditions is acceptable, otherwise, we recommend that you do not thin.

2. Internal and external timber

Tannin rich timbers such as western red cedar and most hardwoods require priming with an oil-based primer to prevent tannin staining. This must be completed more than 24 hours prior to the application of Axolotl Primer and Micaceous.

3. External steel

Rust should be treated with phosphoric acid, rinsed thoroughly and allowed to dry. Surfaces subject to mild weathering conditions are recommended to be treated with Dulux Luxaprime zinc phosphate primer first following the manufacturer's instructions closely regarding surface preparation, application and drying before topcoating.
Apply one coat of anti-corrosive waterbased Axolotl metal primer directly from the tin by brush or roller. Allow overnight drying, then apply Micaceous. Welded steel structures can be coated with Axolotl Micaceous however; once components have been painted they cannot be welded without causing damage. For highly exposed applications contact Axolotl 02 9666 1207.

4. Concrete

Metal within concrete surface must not be exposed prior to painting as corrosion of this will cause staining and damage to the painted surface. Surface imperfections should be filled prior to painting. Apply one coat of Axolotl Primer directly from the tin by brush, roller or spray at an approx coverage rate of 10m2 per litre. If surface is powdery or chalky after cure time and cleaning, a treatment with the Clear Primer is recommened to seal the surface prior to priming and painting. Allow primers 12 hours drying prior to application of Micaceous.

5. Galvanised metal and zincalume

Cleaning with an alkaline cleaner such as “sugar soap” or “Tricleanium” is advised to remove oils and dirt. Light sanding with 400 grit (or finer) sandpaper is advised to key new galvanised metal. Surfaces subject to mild weathering conditions are recommended to be treated with Dulux Luxaprime zinc phosphate primer first following the manufacturer’s instructions closely regarding surface preparation, application and drying before topcoating.
Apply one coat of anti-corrosive waterbased Axolotl metal primer directly from the tin by brush or roller. Allow overnight drying, then apply Micaceous. Welded steel structures can be coated with Axolotl Micaceous however; once components have been painted they cannot be welded without causing damage. For highly exposed applications contact Axolotl 02 9666 1207.

6. Previously painted water based paint in sound condition

Preparation as outlined above. Axolotl Primer coloured grey is recommended prior to coating surface in Micaceous for best colour and opacity. Paints should be stirred and applied by brush, roller or spray to clean dry surface. Allow primer minimum 12 hours drying prior to the application of Micaceous.

7. Previously painted water based paint in unsound condition

Preparation as outlined above. Axolotl Primer coloured grey is recommended prior to coating surface in Micaceous for best colour and opacity. Paints should be stirred and applied by brush, roller or spray to clean dry surface. Allow primer minimum 12 hours drying prior to the application of Micaceous.

8. Paperfaced Plasterboard and Plaster

Preparation as outlined above. One coat of Axolotl Primer coloured grey applied directly from the tin to a dry, clean surface by brush, roller or spray. Apply in an even thick coat ensuring complete coverage at a rate of approximately 10-12m2 per litre depending on the surface. Allow 12 hours to dry before applying Micaceous. Thinning with up to 10% water in hot or windy conditions is acceptable.

9. Prevously painted oil based paint in sound condition

Clean surface with wax and grease remover to remove any oils on the surface and create a key in the surface by rubbing with scrotch brite. One coat of Axolotl Metal Primer applied directly from the tin to a dry, clean surface by brush, roller or spray. Apply in an even thick coat ensuring complete coverage at a rate of approximately 10-12m2 per litre depending on the surface. Allow a minimum of 48 hours to cure before applying Micaceous.

10. Powdercoated metals in sound condition

Preparation as outlined above. Gloss areas must be sanded or etched to provide a key. One coat of Axolotl Primer coloured grey applied directly from the tin to a dry, clean surface by brush, roller or spray. Apply in an even thick coat ensuring complete coverage at a rate of approximately 10-12m2 per litre depending on the surface. Allow a minimum of 48 hours to cure before applying Micaceous.

Applying Micaceous

Following the preparation of substrates (as previously outlined) Micaceous is applied as follows:
Apply two coats of Micaceous directly from the tin to dry prepared surface. Application by brush or spray. Micaceous is a fast drying product so care should be taken to maintain a wet edge and avoid reworking drying surface. Allow overnight drying between coats. Coverage is approximately 10 m2 per litre per coat. Clean up with water. Thinning should be avoided, particularly externally. The textured nature of this product makes it susceptible to marking, Axolotl Urethane Sealer is recommended for high traffic areas internally to improve servicabilty.

General precautions

Paint Application

Expansion/ control joints should be sealed before painting and should be finished with a compound that will accept ordinary waterbased paints. Primer or Micaceous can then be applied over these joints. For spray application: refer Axolotl technical phone 02 9666 1207

Protection for improved servicabilty

Overcoating of Axolotl Micaceous is not recommended on external surfaces.

Internally, Axolotl offers two options for improving mark resistance and washability of Micaceous depending on exposure to marking and desired aesthetic:

1. Clear Acrylic Sealer. This matt sealer will only slightly change the appearance of the Micaceous and, while improving mark resistance, makes the least visual difference of the options. 1 coat is typically applied.

2. Urethane sealer is a satin, single part water based urethane. With 70% sheen level it is a high satin finish with no ‘stickiness’ making it the preferred option for handrails or surfaces subject to constant handling. 1 or 2 coats are typically used.

Colour & Tinting

It is the responsibility of the contractor to ensure colour consistency. It is recommended that sufficient material to complete the project be ordered to prevent possible colour variation.

Temperature

Micaceous and Axolotl Primer should not be applied where surface or air temperature is below 10c or above 30c. Excessively fast drying can occur if painting hot surfaces or in direct sunlight.

Initial Protection

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. Protection against mechanical abrasion should be provided for at least 7 days after application.

PACKAGING:

Axolotl Micaceous is available in 1, 4 & 10 litre containers.

Warranty - Micaceous

Guaranteed by Axolotl Group Pty Ltd (Axolotl Paint). Date of issue September 2026

Purchasers of Micaceous are advised that application of the products must be carried out strictly in accordance with the technical specifications and instructions issued by Axolotl. Subject to usage in accordance with the above specifications, Axolotl agrees that in the event of any defect in respect to usage and application of the products, Axolotl will replace the products free of charge. The within warranty is effective for a period of seven years following the date of sale of the products. Proof of purchase must be supplied with any claim.

The within warranty does not extend to consequential damage whether arising from product fault or faulty application, costs associated with contractors or labour costs. This warranty is also conditional upon prompt notification to Axolotl of any claim involving defective products and full co-operation being given to Axolotl and its agents and representatives in allowing access to the products as applied for the purposes of examination and analysis.

NOTE FOR SPECIFIERS -

PLEASE ENSURE SPECIFICATION SHEET IS COPIED & ATTACHED TO TENDER DRAWINGS FOR THE REFERENCE OF ALL RELEVANT TRADES.

For further information, technical assistance or costing please contact:

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