

SPECIFICATION DATA SHEET - AXOLOTL PAINT Cement Paint **For the information of Specifiers and Trades**

Product description

Axolotl Cement paint achieves a matte textured effect designed to look weathered and fade with exposure. Axolotl Cement paint can be brush or trowel applied, and can be mixed with Axolotl Grain to achieve the desired textured effect. Cement paint is available in a curated range of colours and is suitable for internal and external use.

Suitable surfaces

Refer to specific treatment for the appropriate substrate

- 1 Masonry, cement render, bagged masonry, concrete, clay or concrete bricks, blocks and Autoclaved Aerated Concrete (AAC)
- 2 Previously painted water based paints in sound condition
- 3 Previously painted water based paints in unsound condition
- 4 Paperfaced Plasterboard and Plaster
- 5 Previously painted lime based coating
- 6 Previously painted with oil based paints in sound condition

Other surfaces may be appropriate, providing they are dimensionally stable. Contact head office for technical assistance.

Cement Paint substrate preparation + priming

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

The surface should be inspected to ensure that it is properly adhering, free of oils, grease, loose particles, dirt, efflorescence, mould, algae, moss or other foreign matter. Metal setting angles should not be used externally as corrosion of these will cause staining and damage to the paint film. Hairline cracking (shrinkage cracking) in render or concrete may show through the finished coating and allow excess water to enter the wall. If shrinkage cracking is evident, it should be treated by applying one coat of Axolotl Clear Primer over entire surface before the application of Cement paint. Any filling/patching of the surface must be fully cured before application of Cement paint or colour shadowing may show through.

Cement finishes such as render, bagging and concrete should be allowed to cure for a minimum of 3 weeks before application of Axolotl Cement Paint.

Axolotl Cement Paint applied to block or brickwork will follow the jointing pattern of the surface. The slightly mottled finish helps unify the appearance while allowing the joints to show. The addition of Axolotl Grain to the mix creates an effect similar to bagging, reducing the visual impact of the jointing. If a flush finish is required, the wall should first be cement rendered. Highly porous block or brickwork (eg AAC) and non porous block or brickwork (eg dense extruded bricks) and concrete, should be first coated with a liberal application of Axolotl Clear primer applied directly from the tin to dry clean surface by brush, roller or spray at a rate of approximately 6m²/litre (porous surfaces) - 12m²/ litre (non-porous surfaces) The first coat of Axolotl Cement paint is ideally applied as soon as the sealer is touch dry (approx. 20 minutes to 1 hour) and should be applied within seven days. Light dampening of surface prior to the application of the first coat of Axolotl Cement Paint may be required to ease the spreading over AAC.

2. Previously painted water based paints in sound condition

The surface should be inspected to ensure that it is properly adhering, free of oils, grease, loose particles, dirt, efflorescence, mould, algae, moss or other foreign matter. Surface should be dry. If external, apply one liberal coat of Axolotl Clear primer directly from the tin to a dry clean surface by brush, roller or spray. The first coat of Axolotl Cement Paint is applied as soon as the sealer is touch dry (approx 20 minutes to 1 hour) and should be applied within 7 days. Internally sealing is not generally required.

3. Previously painted water based paints in unsound condition

The surface should be inspected to ensure that it is properly adhering, free of oils, grease, loose particles, dirt, efflorescence, mould, algae, moss or other foreign matter. Surface should be dry. If external, apply one liberal coat of Axolotl Clear primer directly from the tin to a dry clean surface by brush, roller or spray. The first coat of Axolotl Cement Paint is applied as soon as the sealer is touch dry (approx 20 minutes to 1 hour) and should be applied within 7 days. Internally sealing is not generally required.

4. Paperfaced Plasterboard and Plaster

The surface should be inspected to ensure that it is properly adhering, free of oils, grease, loose particles, dirt, or other foreign matter. Surface should be dry. Plaster board joints and nail heads must be spot primed with Axolotl Primer. Allow 4 hours to

dry. Two liberal soaking coats of Axolotl Primer are then applied to all surfaces. Allow 12 hours to dry between coats and before applying Axolotl Cement Paint.

5. Previously painted lime based coating

The surface should be inspected to ensure that it is properly adhering, free of oils, grease, loose particles, dirt, efflorescence, mould, moss or other foreign matter. Surface should be dry. External Pressure washing or sand blasting is advised wherever possible to remove as much of the old coating as possible. Any lime remaining must be firmly bound. Internal: scrubbing with stiff brush is advised followed by application of Axolotl Clear Primer. A liberal coat of Axolotl Clear Primer applied directly from the tin to a dry clean surface by brush, roller or spray. The first coat of Axolotl Cement Paint is applied as soon as the sealer is touch dry (approx 20 minutes to 1 hour) and should be applied within 7 days.

6. Previously painted water based paints in unsound condition

Previously Painted with an Oil-based Paint Sand or chemically etch shiny surfaces to ensure adhesion and apply one coat of Axolotl Primer. Allow overnight drying before applying Axolotl Cement paint.

Applying Cement Paint

Following preparation of substrates as previously outlined, Axolotl Cement Paint is applied as follows.

Axolotl Cement Paint is a moisture cured product, application methods and procedures immediately prior to and following application are important.

Surfaces that have not been primed or sealed should be thoroughly dampened with water with no glistening wet patches or dry areas apparent immediately before application. (Extremely important on exterior surfaces in hot weather.) Surfaces that have been primed or sealed do not require dampening prior to application.

First Coat

The cement powder is mixed with water in the ratio 3 parts powder to 2 parts water, by volume, to form a paint that is similar in consistency to cream for brush application. The mix can be modified to be slightly thicker for trowel application.

The mixed Cement Paint is applied by brush in a random pattern at a rate of approximately 6m²/kilogram, or by trowel to a film of approximately 1-2mm thick. Allow a minimum of 24 hours to dry. The thickness of the applied film is critical to cure and performance. The coat should be applied as thickly as possible while maintaining flow. Thin application will show poor cure (powdering) and excessive weathering. To aid the setting of Axolotl Cement Paint it is important to lightly mist spray the painted surface with water three to four hours after the application of each coat. This is particularly important when hot, dry or windy conditions prevail or when overcoating previously painted, primed or sealed surfaces. Additional mist spraying will further accelerate setting and is advised. Mist spraying internally is not necessary.

Second Coat

Follow steps outlined above. To aid the setting of Axolotl Cement Paint it is important to lightly mist spray the painted surface with water three to four hours after the application of each coat. This is particularly important when hot, dry or windy conditions prevail or when overcoating previously painted, primed or sealed surfaces. Additional mist spraying will further accelerate setting and is advised. Mist spraying internally is not necessary.

General Precautions

Paint Application

Wet dry jointing will show, so care must be taken to maintain a wet edge. Joining only at natural divisions such as corners is advised. Re-touching of Cement Paint will show as a distinct patch and unless a consistent patched effect is required, should be avoided. It is recommended that large areas be divided by false expansion joints to reduce the working area to an area easily manageable by a contractor (generally about 3m high by 5-8m long). Real expansion/control joints may be sealed or filled after the application of Cement Paint with care being taken to mask the painted surface against the sealing compound. If the joints are sealed prior to painting, Cement Paint should not be applied over these joints.

Axolotl Cement Paint should be applied to a cool surface away from direct sunlight. In hot or dry weather dampening immediately ahead of application may be necessary to cool the surface and maintain moisture

Mist spraying the surface after application of each coat at least once is required to assist setting. As a guide mist spray 2-4 hours after application (when the surface shows dry). It is recommended to mist spray the surface 2-3 times after each coat, and it is impossible to mist spray too many times

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 where possible to eliminate possible colour variation. Where this is not practicable, sufficient material to complete an elevation should be ordered with any excess used as the first coat on the subsequent elevation. Custom colours are available on request, lighter tones are more successfully matched.

Temperature

Axolotl Cement Paint should not be applied where surface or air temperature is below 8°C or above 35°C. Axolotl Cement Paint can be affected by “shock curing” this is where sudden cold wet weather is experienced during early curing and will show as excessive white bloom and/or streaking. To reduce this risk check weather reports, ensure thick film and mist spraying. Axolotl Cement Paint takes longer to set at colder temperatures and this should be allowed in setting times and protection periods.

Initial Protection

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. Axolotl Cement Paint remains water sensitive until set, therefore the final coat should be protected from rain. Protection against mechanical abrasion should be provided for at least 7 days after application. Protect the surface from mechanical damage for seven days after application, particularly in colder temperatures and trafficable surfaces.

Packaging

Axolotl Cement Paint is available in 1, 4, 15 kilogram containers.

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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