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Product Specification

PORTER'S AquaGILD™ EXTERIOR SILVER

PRODUCT DESCRIPTION:

Part of our AquaGILD® range, Porter's AquaGILD® Exterior Silver creates a brilliant silver finish that is designed for use in architecture and landscape projects, and has endless applications combining creativity with versatility and functionality.

An ideal solution for both commercial and multi-residential projects, AquaGILD® offers architects, designers and clients a contemporary aesthetic with durability and performance. Suitable for decorative exterior elements such as decorative moldings for building facias, wrought iron fence finials, ornaments, etc.

Designed using high grade raw materials for application to suitably prepared prefab concrete, cement render, prefabricated building panel systems, metal architectural panels, building facades and public art installations.

The silver pigment in AquaGILD® is specifically developed for use in water-based coatings systems. The challenge when developing water-based metallic finishes is the reaction and subsequent off gassing of hydrogen, inevitably created when mixing metals with water. In AquaGILD® Exterior Silver the metallic pigments are not only water dispersible, but resistant to tarnishing and with minimal in-can off gassing. AquaGILD® Exterior Silver delivers a bright and brilliant sparkle, with each pigment flake possessing mirror-like optical characteristics, especially when compared to conventional pearlescent pigments. AquaGILD® is highly tarnish resistant and offers the functional advantages of excellent weather and humidity resistance.

LOCATION:

Exterior or interior.

ENVIRONMENTAL INFORMATION:

This product contains: <30g/L VOC's (Volatile Organic Compounds contribute to atmospheric pollution).

The following descriptors have been adopted by APAS (Australian Paint Approval Scheme):

Very High	>250 g/L
High	100 – 249 g/L
Moderate	50 – 99 g/L
Low	5 – 49 g/L
Very Low	<5 g/L

This product is classified as Low VOC under the Australian Paint Approval Scheme.

Porter's Paints use only premium grade raw materials, and wherever possible we buy from Australian suppliers. Our manufacturing processes are designed for maximum performance, with minimum impact on the environment and user health.

SUGGESTED APPLICATIONS:

Designed for application to suitably prepared prefab concrete, cement render, prefabricated building panel systems, metal architectural panels, building facades and public art installations.

Suitable for decorative exterior elements such as decorative moldings for building facias, wrought iron fence finials and ornaments.

COLOURS:

Available in 2 shades of silver: Princess Theatre Silver and Old Silver. This product is not tintable.

LIMITATIONS:

Not suitable for high traffic areas, immersion, door or window jams. Do not apply in high humidity or where ambient temperature is below 10°C or above 30°C during application and drying.

PREPARATION:

NEW/UNPAINTED CEMENTITIOUS SUBSTRATES:

On new unpainted render, prefab concrete or other cementitious substrates do not proceed until substrate has thoroughly set and has dried completely (Minimum 14 days). (Refer to preparation instructions given in the Porter's Mineral Silicate Primer datasheet). Apply 1 coat of Porter's Mineral Silicate Primer by brush or roller. Touch dry 20 minutes. Allow 2 hours dry time prior to the application of AquaGILD® Exterior Silver.

Alternatively: Apply 1 coat of Porter's Limeproof Undercoat Sealer by brush, roller or spray. Touch dry 2 hours. Allow 6 hours dry time prior to the application of AquaGILD® Exterior Silver.

PREVIOUSLY PAINTED CEMENTITIOUS SUBSTRATES:

Previously painted surfaces with loose, peeling or flaking paint must be made sound by scraping off loose paint. Fill holes and cracks with suitable filler, smooth and dust off. Spot prime all joints and repaired areas with Porter's Universal Primer, then apply one coat to entire area. Touch dry 2 hours. Allow 6 hours dry time between coats and 24 hours dry time prior to the application of AquaGILD® Exterior Silver.

METAL SURFACES (BARE OR PREVIOUSLY PAINTED):

On metallic surfaces, bare or painted (make sure surface is sound as above) spot prime all joints and bare areas with Porter's Universal Primer, then apply one coat of same to entire area. Touch dry 2 hours. Allow 6 hours dry time between coats and 24 hours dry time prior to the application of AquaGILD® Exterior Silver.

PRECAUTIONS:

May cause an allergic skin reaction (Refer to SDS prior to use).

Keep out of reach of children. Read the label before opening or using. Avoid breathing mist, vapours or spray. Wear protective clothing, gloves, eye/face protection and suitable respirator

as required. Contaminated clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use. Store in a well-ventilated place, away from oxidising agents. Do not empty into drains.

APPLICATION:

Stir thoroughly prior to use. Apply two (2) to three (3) coats by brush, roller or spray. Best results are achieved by roller or spray.

Due to the silver pigment in this paint, visible brush marks are a natural characteristic. Please note that this product builds opacity onto the first coat, i.e. the first coat can appear to be low opacity, but the second and third coats will quickly build upon this, creating a fully opaque dense silver finish. This low opacity on the first coat is especially evident when using a brush, and less so with a roller or spray.

When painting broad wall areas using a brush, best results are achieved by laying off or reworking paint as applied in a consistent direction (usually vertical) to achieve a smoother effect. When using a roller, the finished result will be lightly textured and stippled from the roller. This texture, when in full sunlight, catches the sun and creates a silver glitter.

Touch dry in 1 hour. Allow minimum 4 hours dry time between coats. Allow total 24 hours dry time.

Spraying will achieve a finer and smoother effect than brushing or rolling. Avoid applying heavy coats while using spray as an application method. Apply two to three thin coats and allow minimum 1 hour between each coat to dry.

COVERAGE RATES:

Covers approximately 8-10m² per litre, depending upon porosity, surface texture and wastage rates.

WASH UP:

Water.

COMPLEMENTARY PRODUCTS:

Either Mineral Silicate Primer (coverage 10m² per litre) or Porter's Limeproof Undercoat Sealer (12m² per litre) are recommended on unpainted render, prefab concrete or other cementitious substrates.

Porter's Universal Primer (Coverage 10m² per litre) is recommended on pre-painted surfaces or when priming metal substrates.

PACKAGING:

Porter's AquaGILD® Exterior Silver is available in 1L, 4L and 10L sizes.

STORAGE:

Store in a cool dry area, protected from frost.

MANUFACTURER'S/DISTRIBUTOR'S DETAILS:

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