



Product Specification

PORTER'S LIQUID TIN

PRODUCT DESCRIPTION:

Tin is one of the oldest metals known to man and was discovered in prehistoric periods when it was used to make utensils and weapons. By the 1800's tin was used mainly for electroplating to protect iron or steel. Tinplate was widely used for architectural decoration, such as ornamental windows, gable ornaments and door lintels, and although tinplate is still available today for roofing and flashing, it is generally considered expensive. Porter's Liquid Tin replicates hard to come by architectural tin and is perfect for creating a handmade or vintage tin finish where required. Dries naturally into a soft, matt greenish grey, but the authentically beautiful patina of real tin is only truly revealed when Liquid Tin is burnished or polished.

LOCATION:

Interior or Exterior. Please note that when used externally this product will tarnish.

ENVIRONMENTAL INFORMATION:

This product contains: 22.23g/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 by 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. This product contains: 18.11g/L VOC's (Volatile Organic Compounds contribute to atmospheric pollution).

SUGGESTED APPLICATIONS:

Can be applied to most suitably prepared plasterboard, plaster, wood, masonry, metal and previously painted surfaces.

COLOURS:

Liquid Tin is available in one colour only, a soft grey.

LIMITATIONS:

Do not apply in high humidity, below 10°C or above 30°C.

PREPARATION:

NEW/UNPAINTED SUBSTRATES:

Substrate should be a clean well-held surface free from loose material, dirt, grease, oil and mould. Dust down before proceeding. On bare surfaces such as new unpainted plasterboard sheeting, timber, and most paintable surfaces, spot prime all joints and repaired areas with Porter's Prepare & Prime, then apply 1 or 2 coats of same to entire area. Allow 2 hours dry time before overcoating.

On new unpainted fresh set plaster do not proceed until plaster has thoroughly set and has dried completely. Firstly, apply 1 coat Porter's Mineral Silicate Primer by brush or roller. Touch dry 20 minutes. Allow 2 hours dry time. Then apply by brush, roller or spray 1 coat Porter's Prepare & Prime. Touch dry 20 minutes. Allow 2 hours dry time before overcoating.

On bare masonry surfaces such as, render or brick, spot prime all repaired areas with Porter's Limeproof Undercoat Sealer, then apply 1 coat of same to entire area by brush, medium nap roller or spray. Touch dry in 1 hour. Allow 6 hours dry time before recoating or over-coating.

On bare metallic surfaces 1 or 2 apply two coats of Porter's Universal Primer. Touch dry 2 hours. Recoat 6 hours. Allow to dry 24 hours.

PREVIOUSLY PAINTED SUBTRATES:

Previously painted surfaces with loose, peeling or flaking paint must be made sound by scraping off loose paint. Fill nail holes and cracks with suitable filler, sand and dust off. Spot prime all joints and repaired areas with Porter's Prepare & Prime, then apply 1 or 2 coats of same to entire area. Allow 2 hours dry time before overcoating.

APPLICATION:

Stir Liquid Tin thoroughly prior to use, and occasionally during use.

Apply a minimum of two* coats by brush, roller or spray. Touch dry in 30 minutes. Allow minimum 4 hours dry time between coats. * The number of coats applied can vary, (we recommend a minimum of two), depending upon the extent of the burnishing/polishing planned. Multiple coats of paint will build depth and create artistic surface effects when burnished.

Please note: The application method (i.e. brush, roller or spray) and the number of coats applied will affect the way your Liquid Tin finish appears upon completion. This is due to the textures that are created by the application tools, and the varying effects of burnishing multiple layers of paint. Some experimentation is advised prior to proceeding with large areas. Porter's Liquid Tin is a decorative specialty finish and there should be an understanding by the applicator that results will vary depending upon artistic ability and application/burnishing methods and/or expertise.

Allow second coat (or last coat if applicable) to dry for a minimum of 24 hours before burnishing or polishing. Always wear a dust mask, safety goggles and gloves. Use 000 steel wool (or finer) to gently burnish or polish the entire painted surface. Apply gentle pressure when burnishing to remove the matt finish and to polish up a soft sheen. Ensure that all areas are addressed to avoid varying sheen levels in the finished result. Liquid Tin may also be polished mechanically with a 500-1500 grade sanding discs.

COVERAGE RATES:

Liquid Tin covers approximately 6-8m² per litre, depending upon porosity, surface texture and wastage rates.

WASH UP:

Water.

COMPLEMENTARY PRODUCTS:

Porter's Prepare & Prime (coverage 12-14m² per litre).

Porter's Limeproof Undercoat Sealer (12m² per litre).

Porter's Universal Primer (coverage 10-12m² per litre).

Mineral Silicate Primer (coverage 10m² per litre) is recommended for priming new set plaster before undercoating.

On interior surfaces Liquid Tin may be waxed for added protection using Porter's Stucco Wax.

PACKAGING:

Porter's Liquid Tin is available in 1L size.

STORAGE:

Store in a cool dry area, protected from frost.

PRECAUTIONS:

Always wear a dust mask, safety goggles and gloves when burnishing or polishing this product.

Keep out of reach of children. Avoid swallowing. Avoid eye contact. Avoid prolonged skin contact. Provide adequate ventilation. If accidental contact occurs, rinse immediately with water.

MANUFACTURER'S/DISTRIBUTOR'S DETAILS:

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