



## Product Specification

Product Name:

**PORTER'S LIQUID TIN**

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### 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:

Exterior or interior. Please note that when used externally this product will tarnish with time.

### ENVIRONMENTAL INFORMATION:

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

APAS\* Target level for this product: 450g/L.

Although this product is unique and there is no comparative product type, the closest comparison would be a typical oil-based micaceous paint that has a VOC level of approx. 350-450g/L

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.

The following descriptors have been adopted by APAS:

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

\* Australian Paint Approval Scheme.

## 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:

Substrate should be a clean well-held surface free from loose material, dirt, grease, oil and mould. For unpainted surfaces, or surfaces previously painted with an acrylic paint, sand to create a "keyed" surface and dust down before proceeding. Apply 2 coats of Porter's Limeproof Undercoat Sealer. Touch dry 2 hours. Allow 6 hours dry time between coats and 24 hours dry time prior to the application of Liquid Tin.

For metallic surfaces, or surfaces previously painted with oil-based paints, sand as above, then prepare with 2 coats of Porter's Universal Primer. Touch dry 2 hours. Allow 6 hours dry time between coats and 24 hours dry time prior to the application of Liquid Tin.

## 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 in order 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 6-8m<sup>2</sup> per litre, depending upon porosity, surface texture and wastage rates.

## WASH UP:

Water.

## COMPLEMENTARY PRODUCTS:

Porter's Limeproof Undercoat Sealer (coverage 12m<sup>2</sup> per litre) is recommended where an undercoat/primer is required when preparing substrate for painting.

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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