

Wattyl Incralac (Clear Copper Coating)

Product Data for Industrial Metal Coatings

DESCRIPTION : A clear gloss fast drying acrylic lacquer for metal.

PROPERTIES: Produces a clear tarnish resistant finish on copper and copper alloys in both interior and exterior applications. Contains a metal complexing agent to improve it's tarnish resistance. Also suitable for use on aluminium, steel and other metals with suitable preparation.

PRINCIPAL USES: For protection of metal surfaces from tarnishing.

Note: We advise that you test this product to determine if it is suitable for your particular use.

COLOUR: Clear.

Application Procedure:

Surface	Preparation	Suggested coating System	Dry film thickness (microns)
Copper and it's alloys	High pressure fresh water wash entire area. Remove any grease or oil deposits. Burnish bare substrate by sanding. Ensure all surfaces are clean and dry prior to coating application.	1st coat: Incralac 2nd coat: Incralac 3rd coat: Incralac	10 10 10
Aluminium	Degrease with solvent or non-ionic detergent according to AS1627.1. Burnish bare substrate by sanding. Apply primer coat as soon as possible and at least within 4 hours	1st coat: Incralac 2nd coat: Incralac 3rd coat: Incralac	10 10 10
Steel	All surfaces should be free of oil, grease and salt contamination before blasting. Abrasive blast clean according to AS1627.4 to achieve a surface appearance that approximates the appropriate standard of AS1627.9 Sa 2.5 "near white" blast. All surfaces to be painted must be clean and dry and uncontaminated	INTERIOR: 1st coat: Incralac 2nd coat: Incralac 3rd coat: Incralac	10 10 10

GENERAL DATA:

Tested @ 25°C & 65% RH and 65% relative humidity for a wet film of 45 microns thickness. Times will change when the product is used under different temperature and humidity conditions.

Drying Time: Touch-dry - 15 minutes.

Recoat - 2 hours

Two coats may be applied wet on wet, allowing a 10-20 minute flash off between coats.

Gloss Level: Gloss.

Practical Spreading Rate: 10-12 m²/litre. (depending on the application method).

Thinner: Thin 100% with Wattyl Acrylic Thinner AP501.

Clean-up: Clean all equipment using Wattyl C3 Lacquer Thinners or AP501.

Shelf Life: Under normal conditions of temperature and humidity, full containers can be stored for up to 12 months.

Wattyl Incralac (Clear Copper Coating) Datasheet WM326

RECOMMENDED EQUIPMENT SETUP:

	CONVENTIONAL SPRAY	PRESSURE POT SPRAY	AIR-ASSISTED AIRLESS SPRAY	AIRLESS SPRAY	HVLP CONVENTIONAL	HVLP PRESSURE POT
FLUID NOZZLE	1.5-2.0 mm	1.0-2.0 mm	6-13 thou	9-13 thou	1.5-2.0 mm	1.0-1.5 mm
PRESSURE TO THE GUN	30-50 psi	30-50 psi			30-50 psi	30-50 psi
POT PRESSURE		10-30 psi				10-30 psi
PUMP RATIO			12-20:1	16-20:1		
PUMP PRESSURE			1000-1500 psi	1000-1500 psi		
PRESSURE TO AIR CAP					10 psi	10 psi

This information is issued as a guide only. For further advice regarding your specific operations, consult your equipment manufacturer or conduct trials.

QUICK REFERENCE SAFETY GUIDE:

Spray mists are produced when using the product, so operators should comply with the following minimum guidelines.

Inhalation: An organic vapour respirator conforming to AS1716-1994.

Eye Protection: If spray mist extraction is inadequate, goggles conforming to AS1337-1992.

Skin Protection: Wear overalls and gloves

Ear Protection: Ear muffs to protect against noise levels above 90dB

NB: Use of silicone free barrier cream is recommended.

If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, DO NOT induce vomiting, give a glass of water. Provide adequate ventilation during use. Keep away from heat and naked flame. Spray only in an approved spray booth. Avoid contact with skin and eyes, and avoid breathing the vapour, spray mist and sanding dust. Keep cans tightly sealed when not in use.

Product Safety Cards:

Wattyl (NZ) Ltd Product Safety Cards contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products, and are available on request.

DANGEROUS GOODS INFORMATION:

Flash Point:	Packaging Group:	UN No.:	Haz Chem Code:	Precautions:
Less than 23°C	II	1263	3[Y]E	Highly flammable

PACKAGING: 1 Litre, 4 Litres.

NOTE: The information concerning the use and application of these products is intended for use by professional specifiers and is believed to be correct at the date of printing, and is given in good faith. Wattyl (NZ) Ltd reserves the right to alter the product or specification without notice. The user should check the date of printing, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of these products of their performance. However certain guarantees may be implied by law. Wattyl (NZ) Limited PO Box 1545, Auckland 1. Phone 09 820 6700 Fax 09 820 6752