

### TECHNICAL DATASHEET

Code	Description	Size	Colour
43999	Metalex Wood Protector	4 Litre	Clear
43998	Metalex Wood Protector	20 Litre	Clear

#### 1. Description

Metalex Wood Protector is a product designed to protect timber from both environmental and insect attack.

#### 2. Characteristics

- Can be used both exterior and interior applications.
- Can be used as a remedial protective coating by sitting on the surface of the timber(s).
- Reduces UV Degradation, limiting warping of timbers, weathering effects, cupping swelling and grain rising.
- Non-Staining – dries clear
- Especially formulated for hardwood timbers in external environments.

#### 3. Technical Data

<b>Appearance:</b>	Clear, slightly viscous liquid
<b>Active Ingredient:</b>	Zinc (20gm/litre) as Liquid Zinc Naphthenate, (liquid suspended in hydrocarbon solvent)
<b>Touch Dry:</b> (20°C 65% R.H.)	30 → 40 minutes
<b>Coverage:</b> (Timber)**	4 → 6 m <sup>2</sup> / litre
<b>Odour:</b>	Mild, mineral turps

\*\* Coverage is dependent on timber density, timber moisture content and surface finish.

#### 4. Applications

- Can be used as a preventative treatment from timber degradation over time.
- Reduce the incidence of insect attack, fungal decay, warping, cracking, weathering, cupping, swelling and grain rising.

#### 5. Packaging

4l, 20l

#### 6. Shelf Life

12 months in unopened packaging, when stored in a cool and dry place at a temperature between +5°C and +25°.

#### 7. Application Instructions

##### Surfaces

Type: All usual building construction timbers

State: Surfaces should be clean, dry and free of dust and grease etc.

Preparation: For mouldy, dirty or stained timber surfaces use a wood cleaner before application.

**SURFACES MUST BE DRY BEFORE APPLICATION.** WET TIMBER MAY REPEL METALEX WOOD PROTECTOR LEAVING TREATMENT INEFFECTIVE. APPLICATION TO ALREADY STAINED DECKS WILL REQUIRE A TEST AREA FIRST TO ENSURE PENETRATION.

It should be noted that adhesive glue lines in both Plywood products and LVL/CLV timbers can impair the penetration of the Metalex Wood Protector.

Method of Application: Dipping, Flood Brushing/Rolling. Dipping process recommends for a period of 1-2 minutes. Spraying is not recommended. Process all timbers to be coated in a well-ventilated area

Coverage: Timber: 4 -6 m<sup>2</sup> per (Timber dependant on density, moisture content and surface finish of the timber)

### **Metalex Wood Protector is "Ready To Use"**

Coats:	Soudal recommends a minimum of two coats Allow 24 hours between coats (Based on 20°C 65% R.H).
Drying:	Dependant on ambient temperature, humidity and moisture along with density and moisture content of the timber.
Between coats	Touch dry 30 – 40 minutes @20° Celsius. Recoat period is 24 hours @20° Celsius. Do not walk on treated surface for 3 hours minimum after application.
Full Drying:	3 days (Based on 20°C 65% R.H)
Clean-Up:	Equipment can be cleaned in Mineral Turpentine
Re-Coating:	Depending upon its exposure to the elements, timber will need reapplication coats at intervals initially of 6 to 12 months and then at longer periods up to 3 to 5 years. Exterior surfaces exposed fully to the sun and weathering may need to be done more frequently e.g. Coastal areas.
Painting:	Can be painted only with Oil Based Paints after a minimum of 3 days (Based on 20°C 65% R.H). <u>Soudal recommends that if you are intending to paint over the product that a product compatibility test is carried out.</u> <b>Note:</b> Metalex Wood Protector may slow down the rate of drying of oil based primers.

*Soudal Ltd recommends that the user read the limitations to ensure that the product meets their requirements.*

## **8. Limitations**

Metalex Wood Protector may be painted with ONLY oil based paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. Suitability can only be determined by the end user. The drying time of alkyd resin based paints may increase.

If used on outdoor furniture, Holdfast recommends that the outdoor furniture is not used for a period of a minimum 48 hours.

If cutting, planning, ripping or dripping all areas should be treated with Metalex Wood Protector or Metalex Timber Preservative within 48 hours of processing to preserve the treatment envelope.

## **9. Health and Safety Recommendation**

- Metalex Wood Protector is a solvent based fungicide and Insecticide timber preservative.
- Apply standard industrial hygiene when working with this product.
- Please refer to the MSDS for more detailed information.

### **Remark**

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email [info@soudal.co.nz](mailto:info@soudal.co.nz).***

**Last Updated:** 6 September 2021

Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	
	Hamilton 3200	Email: <a href="mailto:info@soudal.co.nz">info@soudal.co.nz</a>
	New Zealand	Website: <a href="http://www.soudal.co.nz">www.soudal.co.nz</a>