

TECHNICAL DATASHEET

| Code | Description | Size | Colour |
|-------|-------------------------------------|-------|--------|
| 44000 | Metalex Timber Preservative Aerosol | 400ml | Clear |

1. Description

Metalex Timber Preservative Aerosol is an especially developed Wood Preservative to assist builders and fencers/farmers to retain the treatment envelope of treated timber after it has been drilled or cut. For example; when fence posts are cut in any way or drilled, the treatment envelope becomes compromised, therefore the timber is open to attack from insects and rot, by immediately applying Metalex Timber Preservative Aerosol to the drilled or cut areas, the treatment envelope will be retained, therefore your timber will last a lot longer than when these protrusions are left untreated.

Metalex Timber Preservative Aerosol is ideal for: fencing, decking, flooring, garden furniture, pergolas, window trims, gates and many other timber applications. Suitable for both softwood and hardwoods, rough sawn, dressed, moulded timber, engineered woods and plywood

2. Characteristics

- Features dual action active ingredients in a safe solvent carrier.
- Long standing and successful active ingredients
- Non-acidic – will not corrode typical metal fittings
- Contains special waxes to help reduce the effects of weathering
- Comes ready to use – no onsite mixing required

3. Technical Data

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| Base: | Naphthenate Salts |
| Consistency: | Liquid |

4. Applications

- Preventative or in remedial treatment for hardwood timbers used outdoors in varying climates.

5. Packaging

400ml aerosol (net content)

6. Shelf Life

36 months from date of manufacture if stored out of direct sunlight (20°C 65% R.H.)

7. Building Product Information

Manufactured By Soudal Ltd
Distributed By Soudal Ltd

Relevant Building Code Clauses

- Clause B2 DURABILITY: Performance B2.3.1 (a) 50 years, B2.3.1 (b) 15 years and B2.3.1 (c) 5 years
- Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.

Contribution to compliance With NZBC

B2.3.1 (a) 50 years, B2.3.1 (b) 15 years, B2.3.1 (c) 5 years: This product is formulated as a supplementary envelope treatment for H3.1, H3.2, H4, H5 timbers when applied in accordance with the relevant Soudal product technical information. It provides this durability in line with the original H-Treatment classification of the timber it is being applied too when installed and maintained in accordance with the relevant Soudal product technical information. soudal.co.nz. Soudal maintains management and production records within its ISO9001:2015 Quality Management System.

Performance F2.3.1: This product meets this requirement when used and applied in accordance with Soudal's product installation instructions and does not present a health hazard to people occupying or using the building structure. Refer to the Soudal Product Technical Data sheet and product Safety Data Sheet soudal.co.nz for further information if required.

8. Application Instructions

Surface preparation:

Ensure surface is clean and dry, free of dust and grease and other contaminants. For mouldy, dirty or stained timber surfaces use a reputable 'Wood Cleaner' prior to application, following the label instructions and allow to dry overnight. SURFACES MUST BE DRY BEFORE APPLICATION.

Note:

Wet Timber may repel Metalex Timber Preservative Aerosol leaving treatment partially ineffective. Application to already stained decks will require a test area first to ensure penetration.

Rate:

Apply evenly at a rate of 1 litre per 4 – 8 square mtrs, depending upon the timber species, moisture content and surface condition of the timber.

Application Nozzles: Standard application suitable for surface preparation/end cuts. Wide standard application suitable for larger surfaces/ply wood. Pin point application suitable for deep cavity wood.

Drying:

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.

Mixing:

Product is ready to use so no mixing required. Shake can well before using.

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.

Soudal recommends preliminary compatibility tests on surfaces on which PU Foams have not been applied previously.

General comments

- Allow at least 24 hours between coats if 2nd coat is required. All cutting and drilling, moulding and planing should be touch dry within 2 hours. It is not recommended to use outdoor furniture coated with MWP within 48 hours after application.
- Metalex Timber Preservative Aerosol can be used on outdoor furniture, however care must be taken not to use furniture until the coating is completely dry. The reaction between Metalex Timber Preservative Aerosol and any metal substrates or fittings has not been measured. Care should be taken before application that no reaction is likely.
- Please read and fully understand the safety instructions and application rates as stated on the approved label prior to using.
- Metalex Timber Preservative Aerosol is a solvent based fungicide timber preservative suited for exterior or exposed timbers, particularly untreated hardwoods.
- Metalex Timber Preservative Aerosol is best applied only when the timber is dry and free from dirt, sawdust, or other coatings.
- Clean up application equipment with suitable solvent cleaners.

9. Limitations

Metalex Timber Preservative Aerosol **will not provide an H-Class treatment to timbers as per the requirements of the NZ Building Code**. It will only provide a supplementary envelope treatment to the applied timber.

Metalex Timber Preservative Aerosol is not designed for use on H1.2 Framing Timbers. To do so is against the NZ Building Code.

While Metalex Timber Preservative Aerosol will protect against the "Rotting" of timbers it is not a rot converter of degraded timber substrates.

Painting over Metalex Timber Preservative Aerosol: If using a solvent thinned (mineral turpentine) base then you will need to wait a minimum 7 → 10 days between application of the Metalex and an acrylic coating. If using an oil based paint/stain coating then Soudal recommends a period of 2 → 3 days between application of the Metalex and a coating. It is recommended that a preliminary test be carried out to ensure that the desired result is achieved.

Metalex Timber Preservative Aerosol will protect timbers against insect ingress, however it will not kill insects in the timber that the thinned solution does not absorb to. It will only protect to the depth that it can be absorbed in the timber.

Metalex Timber Preservative Aerosol will protect timbers against fungal attack, however it will kill any fungal spores to the depth that the thinned product can be absorbed into the timber.

Metalex Timber Preservative Aerosol is not a registered animal husbandry product.

WARNING: This product is designed for outdoor use. Indoor application may cause odour.

Metalex® Green does not react to galvanising, however to avoid risk of staining it is recommended that Metalex® Green should not be put into contact with galvanised or zinc coated surfaces until surface of material being treated with Metalex is completely dry. Further it is recommended that Metalex is not applied to 'Zincalume' coated surfaces.

10. Health and Safety Recommendation

- Apply the usual industrial hygiene
- Please refer to the MSDS for more detailed information.

WARNING: This product is designed for outdoor use. Indoor application may cause odour.

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.***

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