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Data Sheet	
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Wet Edge Extender 1211

Important Information
Mirotone only warrants the quality of the product in the can. It is your responsibility as the user, before application, to ensure that the coating system meets your requirement and is fit for the intended purpose.

Product Description

Wet Edge Extender 1211 is a blend of volatile solvents specifically formulated for use in Mirotone polyurethane floor coatings. It is used to enhance the flow characteristics of polyurethane under conditions of very high temperature and/or humidity and/or dry windy atmosphere or very low temperature. It is also for use on large floor areas requiring maximum wet edge time. Wet Edge Extender 1211 is suitable for use in Polycure single pack moisture curing (DURAPOL®), two pack polyurethanes (POLYTHANE®) and non yellowing (CRYSTAPOL®) finishes.

Directions For Use

1. Add Wet Edge Extender 1211 to the polyurethane at a ratio of 3-5% by volume (refer to specific product data sheet for accurate addition rate)
2. Stir thoroughly.
3. Apply the thinned product as per direction on the product label and data sheet.
4. Wet Edge Extender 1211 will improve the flow and levelling of the coating.

Read MSDS before use.

DO NOT exceed recommended addition rate of Wet Edge Extender 1211 as this can interfere with the drying rate of the polyurethane, an extended drying time will lengthen the time before foot traffic can be allowed on the floor.

Shelf Life

See product label for Use-By date. All products must be stored in sealed containers below 25ºC. Do not use product if past Use-By date.

Packaging

Product	Can Size	Net Contents
Wet Edge Extender 1211	1 Litre	1 Litre
	4 Litre	4 Litre

Warnings

Follow Directions: Carefully read the contents of this Data Sheet and the associated Material Safety Data Sheet (MSDS). Please do not apply this product unless:

You have a MSDS in your possession,
You fully understand these important documents and;
You are prepared to follow all directions.

Not Recommended: This product is not recommended for the following applications:

Exterior exposure
Wet areas
Non timber related substrates
Spray equipment (May be sprayed if the correct safety equipment is worn - check MSDS for details).

Damage caused by sharp objects: Coatings can be damaged by sharp objects, due care should be taken in high traffic environments.

High Humidity and Moisture In-Service Environments: All wood will swell and discolour if allowed to come into contact with water vapour. The protection provided by a coating is dependent on the moisture transmission of the coating and on the thickness of the dry coating film applied. Coated sharp edges are usually the most vulnerable to damage either from the coating being removed or by

inadequate film builds in high wear / traffic areas. Special care during sanding and coating should always be given to sharp edges as coatings do not build as well onto them, resulting in reduced protection in high moisture environments.

Damp Wood: Do not apply coatings over damp timber (moisture content greater than 15%) or allow the wet coating to be exposed to water or dew during the first hour of drying or blooming (whitening) may occur.

High Humidity at Time of Application: Application of coatings at high humidity will:

Speed up the drying process and reduce the pot life of polyurethane coatings.
Increase the risk of blooming (whitening).
Blooming may occur if the coating is applied over damp wood or exposed to water or dew during the first hour of drying.

Cold Temperature: Application of water based coatings at low temperatures may result in poor film formation with resulting poor in-service performance of the coating system. Application below 10ºC is not recommended.

Curing: Complete curing of the coating will take up to 10 days, dependant on the weather, during this time floors should not be walked on with street shoes. Care should be taken to avoid dragging furniture over the surface; use protective pads on furniture legs. To extend the life of the floor, mats should be used in doorways to remove dirt and grit from feet. Timber, cork and parquetry are relatively soft materials and permanent impressions may be left in the surface by stiletto heels or sharp furniture, even when coated with a polyurethane finish.

Temperature Extremes: Application of any polyurethane coating at low temperatures (below 10ºC) and high temperatures (above 35ºC) will reduce the general in-service performance of the coating due to inferior cross linking of the coating. Application below 10ºC or above 35ºC is not recommended.

Inter-coat Adhesion: To ensure sound inter-coat adhesion, thoroughly sand between coats. To reduce the potential for adhesion failure in the field, Mirotone strongly recommends it's customers carry out regular and appropriate quality control testing of their production output.

Maintenance: Floors must be swept frequently and washed with AQUACARE 8420 Floor Clean (Caution: Floors will be slippery when wet). To avoid having to resand the floor back to bare timber or cork the surface must be re-coated before it has worn through.

Temperature & Sunlight: Clear coatings do not permanently protect wood from the ageing/discolouration effects of temperature and sunlight. Even when UV absorbers are present in a coating they will sacrificially break down over time and eventually no longer help to protect the substrate.

Timber Failure: Over thinning of this product on the first coat may contribute to "edge bonding or glueing". Users must satisfy themselves that the timber is properly acclimatised and has reached an equilibrium moisture content suitable for the planned inservice environment before coating the floor.

Health & Safety

Refer to Material Safety Data Sheet (MSDS).

Ensure that all Personnel using this product have read and understood this data sheet and the associated MSDS and packaging label before using this product.

Engineering Controls: Avoid inhalation of vapour or sanding dust by maintaining adequate ventilation. Avoid pockets of vapour. This is normally achieved by applying the coating system in a well ventilated area. If inhalation risk exists the operator must wear a respirator. Refer to MSDS for recommended respirator.

Personal Protection: Contact with any chemical should be avoided. Avoid contact with skin and eyes, and avoid breathing the vapour. Wear suitable protective clothing including rubber or PVC gloves and safety goggles. When using, do not eat nor smoke. Take off immediately all contaminated clothing.

Mirotone Accreditations

Quality System: Mirotone is certified to AS/NZS ISO 9001:2008 Quality management systems.

Mixed System Policy

A Mixed System is:

Where any coating or additive manufactured by another coating manufacturer is applied under, between, in, or on top of, coatings manufactured by Mirotone. [Additives may include thinners, retarding solvents, hardeners, flow additives, stains or catalysts]; or
Where products manufactured or supplied by Mirotone are used in a manner not approved or recommended by Mirotone on its labels or Data Sheets.
Policy: Mirotone will not recognise any warranty claim from customers or third parties if any Mirotone product has been used in a Mixed System with other manufacturers' products or additives. Mirotone can only warrant the quality of its own range of coatings when used in strict accordance with the recommended coating systems thinners and additives stated on Mirotone's labels and Data Sheets.

Limitation of Liability

This Data Sheet is based on information in Mirotone's possession at the "Date of Issue" above. Later experience may lead to amendments. Users should check with Mirotone to ensure that this Data Sheet is still current.

The information contained in this Data Sheet is based on data appraised in our Laboratories and on our own research, and that of others whose work we believe is reliable. Due to possible differences between controlled laboratory test conditions and methods, and actual application conditions and methods, coupled with possible differences in interpretation of results, the user of this product must satisfy himself that the end result obtainable under his particular application conditions meets his requirements. Special attention is directed to the problem of chemical compatability, as Mirotone can control only the quality and formulation of its own materials. Mirotone has no control over quality, formulation or consistency of other manufacturers' products or the substrate to which its product is applied. Therefore Mirotone supplies its products only on condition that the consumer himself is satisfied as to the performance of the product in meeting his particular requirements.

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