



Ultracoat Traffic MT

Two-component water-based acrylic-polyurethane lacquer for wooden floors with high resistance to wear and abrasion and very low emission of volatile organic compounds (EMICODE EC1 R Plus). Suitable for floors exposed to medium to high pedestrian use



WHERE TO USE

Highly protective, wear and abrasion-resistant finish for solid and pre-sanded wooden floors and wooden floors requiring repair in civil and commercial environments, including those exposed to medium to high pedestrian use.

TECHNICAL CHARACTERISTICS

Ultracoat Traffic MT is a two-component, aliphatic (non-yellowing), water-based acrylic-polyurethane lacquer characterised by excellent resistance to wear and abrasion and marks from rubber-soled shoes. When applied directly without primer, it considerably brightens up the natural colour of parquet and does not yellow over the years.

Ultracoat Traffic MT is available in the versions 30 gloss - 10 gloss.

RECOMMENDATIONS

- Transport, store and use **Ultracoat Traffic MT** at temperatures between +10°C and +25°C.
- Do not use on external surfaces.
- Use only clean containers and tools.
- On types of wood with a high content of extracts, we recommend checking if the product is compatible or applying a one or two-component base coat for the first coat following the instructions indicated on the relevant Technical Data Sheets.

- Completely remove all traces of previous treatments in order to obtain an even finish.
- Protect treated surfaces from direct sunlight and draughts for the first 3 hours after application.
- Leftovers of the product must not be put back into their container. Partially-used containers must not be stored for very long.
- At high temperatures, we recommend diluting the product with 10% water or **Ultracoat EL** (Directive 2004/42/EC).

Protect from freezing weather. For transport at low temperatures, use vehicles with temperature-controlled units.

Preparation of the product

Shake component A, add component B and shake well for several minutes until both components are well blended. Before applying the product insert the special filter supplied with the product.

At high temperatures, dilute component A with up to 10% of clean water or **Ultracoat EL** before adding component B (Directive 2004/42/EC).

APPLICATION PROCEDURE

Sand wooden floors with coarse and medium-grained sandpaper and remove all traces of dust with a vacuum cleaner. Grout cracks and irregularities in the surface with **Ultracoat Aqua Plus**, **Ultracoat Binder** or **Ultracoat Filler S1**, according to the instructions

Ultracoat Traffic MT



Mixing component A directly in the drum



Shake the drum until the two components are completely blended



Insert the filter before using

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

	comp. A	comp. B
Consistency:	milky liquid	liquid
Colour:	off-white	transparent
Density of Ultracoat Traffic MT 10 gloss (g/cm³):	1.045 ± 0.005	1.120 ± 0.005
Density of Ultracoat Traffic MT 30 gloss (g/cm³):	1.040 ± 0.005	1.120 ± 0.005
Mixing ratio (A:B):	10 : 0.5	
Classification according to: – EMICODE: – Sanitair (France):	EC1 R Plus - very low emission A+	

APPLICATION DATA (at +23°C and 50% R.H.)

Viscosity of Ultracoat Traffic MT mix (10 gloss):	35 ± 1 sec. (Ø 3 Ford cup)
Viscosity of Ultracoat Traffic MT mix (30 gloss):	35 ± 1 sec. (Ø 3 Ford cup)
Dust dry:	25 mins.
Touch dry:	40 mins.
Maximum permitted dilution ratio (Dir. 2004/42/EC):	10% with clean water
Buffing:	after 12 hours
Re-varnishing (without buffing):	after 2 hours and within 5 hours
Ready for service:	36-48 hours

FINAL PERFORMANCE

Resistance to abrasion (Taber test CS10, 1000 revs, 1000 g):	35 mg
Gloss:	10-30
Classification according to Austrian norm ÖNORM 2354:	C class

contained in the relative product's Technical Data Sheet. Remove all traces of dust after buffing.

Apply a first, even coat of **Ultracoat Traffic MT**, or of a one or two-component base coat following the instructions indicated on the relevant Technical Data Sheets.

If **Ultracoat Traffic MT** is used for the first coat, buff the surface after 12 hours with an **Ultracoat SR 180/220** abrasive disk. If an **Ultracoat** base coat has been applied, proceed according to the instructions contained in the product's relative Technical Data Sheet.

Carefully remove all traces of dust and apply the second coat of **Ultracoat Traffic MT** with **Ultracoat Roller T5**. If a three-coat cycle is applied, apply the final coat after at least 2 hours and within 5 hours without buffing. If you wait more than 5 hours, it will need to be buffed again.

For spray application, dilute with up to 10% of water if required.

Cleaning

Clean tools and remove residues of **Ultracoat Traffic MT** with water while the product is still wet. Once hardened, the product may only be removed mechanically.

CONSUMPTION

First coat 80-100 ml/m²; successive coats 50-70 ml/m².

PACKAGING

Kit (A+B) of 4.5 litres + 0.225 litres.

STORAGE

12 months in its original, sealed packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultracoat Traffic MT component A is not considered dangerous according to current norms regarding the classification of mixtures.

Ultracoat Traffic MT component B is hazardous if inhaled, it may damage the respiratory tract and it can cause sensitization if it comes in contact with the skin of subjects sensitive to isocyanates. During use, wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. It is recommended to wear a face mask to protect the respiratory system.

Ultracoat Traffic MT is dangerous for aquatic life. Do not dispose of it in the environment.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE

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This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

All relevant references for the product are available upon request and from www.mapei.com



Application using Ultracoat Roller



Ultracoat Traffic MT



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