SYSTEMS FOR PROTECTING PARQUET: ULTRACOAT® RANGE
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Quick, simple systems to protect parquet
Further to the success of our products for laying wood, from the Mapei laboratories we now offer the Ultracoat range of water-based products to protect parquet.

Products which respect both man and the environment
Mapei has always had our health and respect for the environment at heart, and the latest developments of the Ultracoat range, a series of water-based products with a low emission level of VOC reflects these considerations.

NMP-free products
The Ultracoat water-based systems contain no traces of NMP, a solvent which, over the years, has proved to be a health risk, because it continues to emit harmful substances even after applying products in which it is contained.

Ultracoat water-based systems, easy to apply
Varnishing parquet is a simple step. Mapei has carefully assessed problems which normally arise on site, to formulate a series of water-based products which are extremely easy to use.

Ultracoat: water-based systems which offer high or extremely high protection for parquet
The products in the Ultracoat range have been specially formulated so that highly-protective systems for parquet may be easily and quickly applied, to protect even those floors which are subject to a high level of pedestrian traffic.
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Solvent-free, water-based binder with extremely low emission levels of volatile organic compounds (VOC) and no NMP, mixed with sawdust for grouting wooden floors. Suitable for water-based varnishing cycles.

Where to use: grouting and preparing traditional wooden floors, both pre-polished and those requiring repair. Prepare the grout by mixing the product with sawdust generated during sanding (mixing ratio Ultracoat Aqua Plus: sawdust = 3-4 : 1) until a smooth paste is obtained. Seal the floor by applying the product with a stainless steel or plastic trowel, forcing as much mix as possible to penetrate into the cracks.

Packaging: 2 x 5 litre packs
Ultracoat Binder

Solvent-free, water-based binder with extremely low emission levels of volatile organic compounds (VOC) and no NMP, mixed with sawdust for grouting wooden floors. Suitable for water-based varnishing cycles.

Where to use: grouting and preparing traditional wooden floors, both pre-polished and those requiring repair.

Prepare the grout by mixing the product with sawdust generated during sanding (mixing ratio Ultracoat Binder: sawdust = 3-4 : 1) until a smooth paste is obtained.

Seal the floor by applying the product with a stainless steel or plastic trowel, forcing as much mix as possible to penetrate into the cracks.

Ultracoat Binder is suitable for mixing with Merbau sawdust.

Packaging: 5 litre tanks
Ultracoat Universal Base

One-component, rapid water-based undercoat with a very low emission level of volatile organic compounds (VOC) and no NMP for wooden floors.

Where to use: preparation of traditional and pre-sanded wooden floors and floors requiring repair. One-component, water-based undercoat characterised by its high insulating capacity, excellent hiding power, its capacity to reduce the problem of overlaps, good buffing capacity, ease of application and very short drying times. When used on exotic woods or woods with a high extract content, we recommend carrying out a preliminary test on a small area or the use of Ultracoat Premium Base.

Ultracoat Universal Base contains a high level of residual solids, and when used in combination with Ultracoat High Traffic two-component water-based varnish, the varnish may be applied in two coats. If Ultracoat Easy Plus one-component, water-based varnish is used, the varnishing cycle may be applied in three coats.

Packaging: 10 litre units (2 x 5)
Ultracoat Premium Base

Two-component water-based base coat, with extremely low emission levels of volatile organic compounds (VOC) and no NMP, for wooden floors.

Where to use: preparation of traditional wooden floors, both pre-polished and those requiring repair. Two-component, water-based base product characterised by high insulating and excellent covering properties. Easy to sand down and easy to apply. Reduces the problem of overlaps. Ultracoat Premium Base has been developed to colour wood without causing unsightly tone variations on wood rich in tannin and other water-soluble colorants (such as oak, teak, etc.), which makes it particularly suitable for more difficult types of wood to avoid them becoming darker or redder. Ultracoat Premium Base contains a high level of residual solids, and when used in combination with Ultracoat High Traffic two-component, water-based varnish, it may be applied in two coats. If single component water-based Ultracoat Easy Plus varnish is used, we recommend applying the cycle in three coats.

Packaging: 2 x 6 litre packs
Ultracoat Easy Plus

One component, water-based polyurethane varnish, with extremely low emission levels of volatile organic compounds (VOC) and no NMP, highly resistant to wear and abrasion, for wooden floors. Suitable for floors subject to frequent pedestrian use.

Where to use: highly protective, wear and abrasion-resistant finish for traditional wooden floors for civil and commercial use, both pre-polished and those requiring repair. Ultracoat Easy Plus has excellent resistance to abrasion and scuff marks. It leaves a different finish compared with conventional water-based products, in that it is transparent and leaves a warm-coloured finish to the wood.

We recommend a three-coat cycle of Ultracoat Easy Plus or, as an alternative, a first coat of Ultracoat Premium Base or Ultracoat Universal Base, two-component and one component, water-based base products respectively, followed by two coats of Ultracoat Easy Plus. Ultracoat Easy Plus is available in 10 - 30 - 60 gloss versions.

Packaging: 2 x 5 litre packs
Two-component, water-based polyurethane varnish, with an extremely low emission level of volatile organic compounds (VOC) and no NMP, highly resistant to wear and abrasion, for wooden floors. Suitable for floors subject to extremely high pedestrian use.

**Where to use:** highly protective, wear and abrasion-resistant finish on traditional and pre-polished wooden floors and wooden floors requiring repair. It may be used in civil and commercial environments subject to extremely high pedestrian use (public offices, shopping centres, airports, exhibition halls, etc.).

**Ultracoat High Traffic** has excellent resistance to abrasion and scuff marks, which has previously not been possible with other water-based products. It leaves the parquet with an attractive “natural” finish. Floors treated with this varnish have a natural, even finish, and may be cleaned very easily, very similar to impregnation cycles which require the use of oil and wax. If it is applied directly without a base product, it livens up the colour of the parquet without yellowing over the years.

A single coat applied directly on top of **Ultracoat Premium Base** product is usually enough to complete the varnishing cycle. As an alternative, **Ultracoat High Traffic** may be applied directly on the floor instead of the base coat. **Ultracoat High Traffic** is available in 10 - 30 - 60 gloss versions.

**Packaging:** 2 x 5.5 litre packs
Ultracoat Oil

Natural drying oil resin for treating wooden floors with an oil finish and to protect wooden flooring in residential environments.

Where to use: Ultracoat Oil is easy to apply and gives wooden floors a warm, rustic effect finish while bringing out the natural beauty of the veins in wood.

Packaging: 2 x 5 litre packs
**Ultracoat Oil Care**

**Natural drying resin oil in water dispersion for finishing wooden floors treated with oil.**

**Where to use:** a specific product for final finishing treatments and routine maintenance on wooden floors treated with Ultracoat Oil. 16 hours after spreading on Ultracoat Oil, pass over the surface of the parquet with a single-headed brush with a black Ultracoat Pad. Then apply two coats of Ultracoat Oil Care 30 minutes apart using a wax spreader or single-headed brush with a white Ultracoat Pad and a cotton cloth. Ultracoat Oil Care used for routine maintenance operations helps to maintain the original beauty of wooden floors as if they had just been installed. Ultracoat Oil Care may also be used to remove small marks from the surface of the floor.

**Packaging:** 2 x 5 litre packs
Ultracoat Clean Polish

A specific product for the maintenance of varnished wooden floors.

Ultracoat Clean Polish is supplied ready-to-use in dilution, and has been developed specifically for maintenance work on wooden floors in residential and commercial environments treated with water-based varnishes from the Ultracoat range. It increases the protection of floors against wear, and forms a water-repellent film to make surfaces more shiny.

- Developed specifically for treating wooden floors finished with water-based varnishes from the Ultracoat range.
- Suitable for both residential and commercial environments.
- Increases the level of protection against wear.
- High resistance to scratches caused by footsteps.

Packaging: 12 x 1 litre packs
Ultracoat Clean WPM

Specific product for the maintenance and cleaning of varnished wooden floors with an opaque or extra-opaque finish.

Ultracoat Clean WPM is supplied ready-to-use in dilution, and has been developed specifically for the maintenance and cleaning of wooden floors in residential and commercial environments treated with opaque and extra-opaque water-based varnishes from the Ultracoat range.

It increases the protection of floors against wear and also hides light surface scratches, to bring back the shine of surfaces.

- Developed specifically for treating wooden floors finished with opaque and extra-opaque water-based varnishes from the Ultracoat range.
- Suitable for both residential and commercial environments.
- Hides light surface scratches.
- Increases protection against wear.
- High resistance to scratch marks from shoes.

Packaging: 12 x 1 litre packs
Specific product for removing old wax and marks from the surface of varnished wooden floors.

**Ultracoat Polish Remover** is a concentrated wax remover, developed specifically for removing Ultracoat Clean Polish / Ultracoat Clean WPM from finished wooden floors. It may also be used to remove small marks from the surface of floors treated with water-based varnishes from the Ultracoat range.

- Suitable for both residential and commercial environments.
- Specific product for removing Ultracoat Clean Polish / Ultracoat Clean WPM and similar products.
- Easy-to-use.
- Removes old coats of Ultracoat Clean Polish / Ultracoat Clean WPM and similar products.

**Packaging:** 12 x 1 litre packs
Concentrated detergent for cleaning wooden floors with a varnished or oil finish.

- Also suitable for daily cleaning operations on particularly dirty floors, and surfaces treated with Ultracoat Clean Polish / Ultracoat Clean WPM.
- Specially developed for wooden floors with a varnished or oil finish.
- Suitable for both residential and commercial environments.
- Does not dissolve Ultracoat Clean Polish / Ultracoat Clean WPM or similar products.
- Easy-to-use.
- May also be used on synthetic flooring.

**Packaging:** 12 x 1 litre packs
Complementary products for

**Ultracoat SR**

A abrasive mesh discs in silica carbide for sanding parquet floors

*Where to use:* Ultracoat SR abrasive discs are suitable for finishing operations using a single-headed sander on rough wood, and for sanding undercoats, impregnating products and varnish. Ultracoat SR abrasive disks are available in grades 60, 80, 100, 120, 150, 180, 220 and 320.

*Packaging:* boxes of 20 discs

**Ultracoat Pad**

Pads used for polishing and cleaning parquet floors

*Where to use:* according to the colour (which indicates the grain size and abrasion capacity), Ultracoat Pad discs are suitable for parquet floors for cleaning, routine maintenance and polishing and waxing operations and oil treatments. Ultracoat Pad discs are available in white and tan (for polishing and applying wax and oil), red (for routine maintenance operations), green (for treating with oil and rapid removal of stains and streaks) and black (for rapid, thorough deep-down cleaning with a minimum of abrasion, ideal with the use of acid products).

*Packaging:* boxes of 5 discs

**Ultracoat Roller Plus**

Long-haired roller (6 mm)

*Where to use:* application of Ultracoat Premium Base, Ultracoat Premium and Ultracoat Universal Base undercoats. Thanks to its special composition and length of the fibres, the roller helps to impregnate floors perfectly. Ultracoat Roller Plus may also be used to spread the first coat of Ultracoat Easy Plus and Ultracoat High Traffic directly without undercoat.

*Packaging:* box with 1 roller

**Ultracoat Roller Finish**

Medium-haired roller (4 mm)

*Where to use:* application of Ultracoat Easy Plus and Ultracoat High Traffic (second and successive coats).

*Packaging:* box with 1 roller
Installing Wood

**Ultracoat Roller Combi**

Special grip for Ultracoat Rollers

**Packaging:** box with 1 grip

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**Ultracoat Roller Oil**

Short-haired roller (2.5 mm)

**Where to use:** application of Ultracoat Oil. The special structure of the roller helps to spread the product rapidly without leaving excess product on the surface, making application quicker and reducing consumption.

**Packaging:** box with 1 roller

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**Ultracoat Roller Quick**

Container with air-tight seal

**Where to use:** storing Ultracoat Rollers after being used and then cleaned.

**Packaging:** box with 1 container

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**Ultracoat Steel Spatula**

Spatula

**Where to use:** spreading Ultracoat Aqua Plus and Ultracoat Oil. Made entirely from stainless steel, when used to apply Ultracoat Aqua Plus it avoids staining the pavement due to discolouring of the high quantity of tanine in certain types of wood. Its adjustable flexibility makes grouting operations easier and guarantees correct filling of even the largest joints. Its special shape with rounded corners helps to avoid the formation of streaks of material on the surface of the floor, which makes it particularly recommended for spreading Ultracoat Oil, Ultracoat Premium Base and Ultracoat High Traffic.
Easy-installation and easy-maintenance protection system

Varnishing system:

ULTRACOAT AQUA PLUS
(ULTRACOAT STEEL SPATULA + ULTRACOAT SR 100)
ULTRACOAT OIL
(ULTRACOAT ROLLER OIL + ULTRACOAT PAD White + cotton cloth and ULTRACOAT PAD Black)
ULTRACOAT OIL CARE (cotton cloth)

Joints:
sealed with SILWOOD
Super-quick system - just 4 hours - for immediate protection of floors

Varnishing system:

ULTRACOAT AQUA PLUS
(ULTRACOAT STEEL SPATULA + ULTRACOAT SR 100)

ULTRACOAT UNIVERSAL BASE
(ULTRACOAT ROLLER PLUS + ULTRACOAT SR 180/220)

ULTRACOAT HIGH TRAFFIC
(ULTRACOAT ROLLER FINISH).

Joints:
sealed with SILWOOD
Quick system - just 6 hours - for hard-wearing protection of floors

Varnishing system:

ULTRACOAT AQUA PLUS  
(ULTRACOAT STEEL SPATULA + ULTRACOAT SR 100)

ULTRACOAT UNIVERSAL BASE  
(ULTRACOAT ROLLER PLUS + ULTRACOAT SR 180/220)

ULTRACOA EASY PLUS  
(2 coats)  
(ULTRACOAT ROLLER FINISH).

Joints:  
sealed with SILWOOD
Ultra hard-wearing protection system for areas with intense traffic

Varnishing system:

ULTRACOAT AQUA PLUS
(ULTRACOAT STEEL SPATULA + ULTRACOAT SR 100)
ULTRACOAT PREMIUM BASE
(ULTRACOAT ROLLER PLUS + ULTRACOAT SR 150/180)
ULTRACOAT HIGH TRAFFIC (2 coats)

Joints:
sealed with SILWOOD
Ultracoat Systems
Guide for maintenance operations on wooden floors treated with products from the Ultracoat range
Floors treated with 60 gloss varnish

Cleaning and maintenance of wooden floors in small rooms with a low level of traffic, protected with one or two-component water-based varnish.

Surfaces to be treated must be thoroughly cleaned with a vacuum cleaner, a dry cloth or a similar dry cleaning system to remove all traces of dirt, dust or sand.

Dilute Ultracoat Universal Cleaner as follows: for daily cleaning, 1/2 litre in 10 litres of water; for particularly dirty floors, we recommend 2 litres in 10 litres of water.

Apply the product using a well-wrung cloth. The amount of water used for cleaning must be reduced to a minimum.

Dilute Ultracoat Clean Polish at a rate of 100 ml every 10 litres of water and apply the product evenly on the floor using a clean micro-fibre spreader or well-wrung cloth.

Periodic maintenance cycle

Surfaces to be treated must be thoroughly cleaned with a vacuum cleaner, a dry cloth or a similar dry cleaning system to remove all traces of dirt, dust or sand.

Dilute Ultracoat Polish Remover at a rate of 250 ml every 10 litres of warm water (+25°C), apply the diluted product evenly on the surface to be treated with a clean, soft cloth and remove the solution from the treated floor with clean water.

Then apply a new coat of Ultracoat Clean Polish using the same procedure as above.

Wait approximately 1 hour before stepping on the treated surface.
Cleaning and maintenance of large wooden floors with **intense traffic**, protected with two-component water-based varnish.

Surfaces to be treated must be thoroughly cleaned with a vacuum cleaner, a dry cloth or a similar dry cleaning system to remove all traces of dirt, dust or sand.

Apply **Ultracoat Universal Cleaner** diluted at a rate of 2 litres every 10 litres of water with a **floor cleaning machine** which also sucks up liquids.

Apply an even coat of neat **Ultracoat Clean Polish** on the floor using a clean micro-fibre spreader or well-wrung cloth.

On large surfaces, we recommend using a **waxing machine** to make work easier and to obtain a surface with longer resistance.

Wait approximately 1 hour before stepping on the treated surface.

**Periodic maintenance cycle**

Dilute **Ultracoat Polish Remover** at a rate of 250 ml every 10 litres of warm water (+25°C). Apply the diluted product on the surface to be treated with a single-headed brush with a red **Ultracoat Pad**.

Remove all traces of dirt with a floor-cleaning machine or with a soft cloth. Then clean the floor thoroughly with water. **The amount of water used for cleaning must be reduced to a minimum.** Then apply a new coat of **Ultracoat Clean Polish** using the same procedure as above.

Wait approximately 1 hour before stepping on the treated surface.
Floors treated with 30 and 10 gloss varnish

Cleaning and maintenance of wooden floors in small rooms with a low level of traffic, protected with opaque or extra-opaque one or two-component water-based varnish

Surfaces to be treated must be thoroughly cleaned with a vacuum cleaner, a dry cloth or a similar dry cleaning system to remove all traces of dirt, dust or sand.

Dilute Ultracoat Universal Cleaner as follows: for daily cleaning, 1/2 litre in 10 litres of water; for particularly dirty floors, we recommend 2 litres in 10 litres of water.

Apply the product using a well-wrung cloth. **The amount of water used for cleaning must be reduced to a minimum.**

Dilute 100 ml of Ultracoat Clean WPM in 10 litres of water and apply the product evenly on the floor using a clean, micro-fibre spreader or well-wrung cloth.

Wait approximately 1 hour before stepping on the treated surface.

**Periodic maintenance cycle**

Surfaces to be treated must be thoroughly cleaned with a vacuum cleaner, a dry cloth or a similar dry cleaning system to remove all traces of dirt, dust and sand.

Dilute Ultracoat Polish Remover at a rate of 250 ml every 10 litres of warm water (+25°C), apply the diluted product evenly on the surface to be treated with a clean, soft cloth and remove the solution from the treated floor with clean water.

Then apply a new coat of Ultracoat Clean WPM using the same procedure as above.

Wait approximately 1 hour before stepping on the treated surface.
Surfaces to be treated must be thoroughly cleaned with a vacuum cleaner, a dry cloth or a similar dry cleaning system to remove all traces of dirt, dust or sand.

Apply **Ultracoat Universal Cleaner** diluted at a rate of 2 litres every 10 litres of water with a floor cleaning machine which also sucks up liquids.

Apply an even coat of neat **Ultracoat Clean WPM** on the floor using a clean micro-fibre spreader or well-wrung cloth.

On large surfaces, we recommend using a **waxing machine** to make work easier and to obtain a surface with longer resistance.

Wait approximately 1 hour before stepping on the treated surface.

**Periodic maintenance cycle**

Dilute **Ultracoat Polish Remover** at a rate of 250 ml every 10 litres of warm water (+25°C). Apply the diluted product on the surface to be treated with a single-headed brush with a red **Ultracoat Pad**.

Remove all traces of dirt with a floor-cleaning machine or with a soft cloth.
Then clean the floor thoroughly with water.
The amount of water used for cleaning must be reduced to a minimum.
Then apply a new coat of **Ultracoat Clean WPM** using the same procedure as above.

Wait approximately 1 hour before stepping on the treated surface.
To remove small surface marks from floors finished with water-based varnish from the Ultracoat range, thoroughly clean the floor with a vacuum cleaner, a dry cloth or a similar dry system to remove all traces of dirt, dust or sand.

Use Ultracoat Polish Remover diluted at a rate of 75 ml every 10 litres of warm water (+25°C).

Apply the diluted product after a few minutes. Treat the entire surface and remove traces of the product with a floor-cleaning machine or soft cloth.

Then thoroughly clean the floor with water and dry it off with a clean cloth. The amount of water used for cleaning must be reduced to a minimum.

Wait approximately 1 hour before stepping on the treated surface.
SYSTEMS FOR
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ULTRACOAT® RANGE

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