

TECHNICAL DATA SHEETS



INDUSTRIAL WOODCOATINGS



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INDUSTRIAL WOODCOATINGS

PRELIMINARY TECHNICAL DATA SHEET



PINK BLOCKER 2C - COLOR + CLEAR - Code:230-xxxxxx

DESCRIPTION

PINK BLOCKER 2C is a special water based reactive product to "discolor" and "block" the pink and red effect what can occur on wood.

Afterwards the substate can be finished with stains, UV Oil, Hardwaxoil Magic, UN1CO, Wax.

APPLICATION

Conventional / Airmix spraying Hand application

Roller coater

TECHNICAL DATA

Mixing ratio

clear / stain 1/1

Density +/- 1.00 KG/L Viscosity as water

Solid Content depending component

Dilution water

CERTIFICATES

NA

PACKAGING

5 + 5LT 25 + 25LT

USER INSTRUCTIONS

Sand the wood with grain 100-120 and remove the sanding dust carefully.

Mix the PINK BLOCKER CLEAR with the PINK BLOCKER STAIN 1/1. Depending on the red shine you can adapt the mix to 2/1 for less red and 1/2 when the wood is very red.

For this reason its always recommended to make a test first before starting production

After mixing, the liquid can only be used for a few weeks. During the application of the stain, stir regularly.

- Stir well before use.
- **Spraying**: apply +/- 40g/m², leveling with a brush.

Or

 Hand application: apply the PINK BLOCKER 2C with a brush in the direction of the wood fiber. Leveling afterwards with a brush.

Or

 Roller application: apply with a sponge roller +/- 20g/m², leveling afterwards with a brush.

Forced air drying possible.

REMARKS

- Only use stainless material.
 Clean immediately after use.
- After complete reaction time, smoothen the surface with a pad or sanding brush.

MAINTENANCE

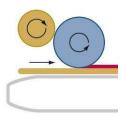
NA

WAREHOUSING by "10 - 40 °C

12 months in well-closed and original packaging.









INDUSTRIAL WOODCOATINGS



REACTIVE STAIN - Code: 230-xxxxx

DESCRIPTION

Reactive waterbased ageing stain based on natural and reactive dyes. Available in 16 ageing colours.

APPLICATION

Reactive stains are specially fit for the ageing of wood containing tannin such as oak and pine. Reactive stains give the wood a unique finish. Only for interior use.

TECHNICAL DATA

Aspect depends on the colour

Flash point NA

Density +/- 1,00 kg/lt at 20°C

Viscosity like water

Solid Content NA Gloss level NA

Dilution reactive stain clear

Application t° 15 - 30°C

CERTIFICATES

NA

PACKAGING

1LT 5LT 25LT

USER INSTRUCTIONS

- Conventional / Airmix spraying
- Handapplication
- Stirr well before use.
- Prepare the wood surface and make
- it dustfree.
- Spraying: apply +/- 50g/m²,
- leveling with a brush.

Or

- Handapplication: apply the reactive stain generously with a brush in the direction of the wood fiber.
 Leveling afterwards with a dry brush.
- At least 6 hours reaction time.







REMARKS

- Only use stainless material.
 Clean immediately after use.
- After complete reaction time, smoothen the surface with a pad or sanding brush.
- Afterwards the reactive stain can be finished with UV Oil, Hardwaxoil Magic, UN1CO, Wax.
- Before use of a lacquer or varnish, please contact the technical service of Ciranova.
- The final colour depends on the type of wood, sanding, wood preparation and the applied quantity.
- For this reason its always recommended to make a test first before starting production.

MAINTENANCE

NA

WAREHOUSING: by 10 - 40 °C

12 months in well-closed and original packaging.

INDUSTRIAL WOODCOATINGS



AQUAPAD - Code: 240-xxxxxx

DESCRIPTION

Aquapad is a waterbased wood stain, especially made for uniform wood colouring. For interior use only. Can be treated afterwards with oil, lacquer or wax. Different colours available. Light stable. Not reactive.

APPLICATION

Only for interior use. Conventional / Airmix spraying. Soft (moos) gummi roller. Hand application.

TECHNICAL DATA

Aspect depending on color.

Flash point NA

Density ca 1,02 at 20°C

Solid Content NA
Gloss level NA
Dilution Water
Application t° 15 - 30°C

Drying time 3 - 4H Room temp.

Forced drying possible

CERTIFICATES

NA

PACKAGING

1LT 5LT 25LT

USER INSTRUCTIONS

- Stirr well before use.
- Prepare the wood surface and make it dustfree.
- Spraying: apply +/- 40g/m²,
- leveling with a brush.
- Air- or forced drying
 OR
- roller application: Apply the stain with a soft roller ca 20g/m²
- · leveling with a brush
- Air- or forced drying OR
- Handapplication: apply the stain generously with a brush in the direction of the wood fiber.
- Leveling afterwards with brush or cloth.
- · Air- or forced drying

REMARKS

- Only use stainless material.
 Clean immediately after use.
- Afterwards the Aquapad can be finished with UV Oil, Hardwaxoil Magic, UN1CO or wax.
- The final colour depends on the type of wood, sanding, wood preparation and the applied quantity.
- For this reason its always recommended to make a test first before starting production.

MAINTENANCE

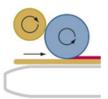
NA

WAREHOUSING: by "10 - 40°C"

12 months in well-closed and original packaging.









INDUSTRIAL WOODCOATINGS



AQUACOLOR - Code: 240-xxxxx

DESCRIPTION

Aquacolor is a water based wood stain, especially made for uniform wood colouring

for interior use only.

Can be treated afterwards with oil, lacquer or wax.

Different colours available. Light stable. Not reactive.

APPLICATION

Only for interior use.

Conventional/Airmix spraying. Soft (moos) gummi roller. Hand application.

TECHNICAL DATA

Aspect depends on the colour

Flash point NA

Density 1.00 – 1.15kg/lt at 20°C

Viscosity as water

Solid Content depending on color

Gloss level NA
Dilution Water
Application t° 15 - 30°C

Drying time 3 - 4H Room temp.

Forced drying possible

CERTIFICATES

NA

PACKAGING

5LT 25LT

USER INSTRUCTIONS

- Stirr well before use.
- · Conventional/Airmix spraying.
- Hand application.
- Soft (moos) gummi roller.
- Prepare the wood surface and make it dustfree.
- Spraying: apply +/- 40g/m²,
- leveling with a dry brush.
- Air- or forced drying OR
- roller application: Apply the Aquacolor by a soft roller ca 20g/m²
- · leveling with a brush
- Air- or forced drying OR
- Handapplication: apply the Aquacolor generously with a brush in the direction of the wood fiber.
- Leveling afterwards with brush or cloth.
- Air- or forced drying

REMARKS

- Only use stainless material.
- Clean immediately after use.
 Afterwards the aquacolor can be finished with UV Oil, Hardwaxoil Magic, UN1CO or wax.
- Before use of a lacquer or varnish, please contact the technical service of Ciranova.
- The final colour depends on the type of wood, sanding, wood preparation and the applied quantity.
- For this reason its always recommended to make a test first before starting production.

MAINTENANCE

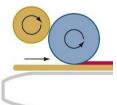
NA

WAREHOUSING: by "10 - 40°C"

12 months in well-closed and original packaging.









INDUSTRIAL WOODCOATINGS



AQUAVINTAGE 2C - A COLOR + B ACTIVATOR - Code:230-xxxxxx

DESCRIPTION

Aquavintage 2C is a new two component water-based reactive stain, especially suitable for ageing the wood in a fast, easy way. Aquavintage 2C is a positive stain, which accentuates the woodgrain giving depth and a warm unique texture to the wood. Different colours are available to give the wood a unique and authentic aspect.

APPLICATION

Conventional / Airmix spraying Hand application

TECHNICAL DATA

Mixing ratio

activator 1/1

Density +/- 1.00 KG/L Viscosity as water

Solid Content depending on colour

Dilution water

Available in 8 colours - see color chart

CERTIFICATES

NA

PACKAGING

1 + 1LT 5 + 5LT

USER INSTRUCTIONS

Sand the wood with grain 100-120 and remove the sanding dust carefully. Mix the Aquavintage 2C (A) with the Activator Aquavintage 2C(B) 1part to 1part or 50/50. After mixing, the liquid can only be used for a few weeks. During the application of the stain, stirr regularly.

- Stirr well before use.
- Prepare the wood surface and make it dustfree.
- Spraying: apply +/- 50g/m², leveling with a brush.

Or

 Hand application: apply the Aquavintage 2C generously with a brush in the direction of the wood fiber.

Leveling afterwards with a brush.

At least 6 hours reaction time.

REMARKS

- Only use stainless material.
 Clean immediately after use.
- After complete reaction time, smoothen the surface with a pad or sanding brush.
- Afterwards the reactive stain can be finished with UV Oil, Hardwaxoil Magic, UN1CO, Wax.
- Before use of a lacquer or varnish, please contact the technical service of Ciranova.
- The final colour depends on the type of wood, sanding, wood preparation and the applied quantity.
- For this reason its always recommended to make a test first before starting production.

MAINTENANCE

NA

WAREHOUSING by "10 - 40 °C

12 months in well-closed and original packaging.







INDUSTRIAL WOODCOATINGS



STAIN PEARL PMW 7704 - Code: 240-007704

DESCRIPTION

Stain Pearl PMW 7704 is a waterborne wood stain, based on micro pigments, to colour all kind of wood for interior use. AStain Pearl gives the wood a luxuary appearance and makes the woodgrain more prominent. Due to its special composition and ease of use.

APPLICATION

Only for interior use. Conventional / Airmix spraying. Soft (moos) gummi roller. Hand application.

TECHNICAL DATA

Aspect pearl Flash point NA

Density ca 1,02 at 20°C

Solid Content NA
Gloss level NA
Dilution Water
Application t° 15 - 30°C

Drying time 3 - 4H Room temp.

Forced drying possible

CERTIFICATES

NA

PACKAGING

1LT 5LT 25LT

USER INSTRUCTIONS

- Stirr well before use.
- Prepare the wood surface and make it dustfree.
- Spraying: apply +/- 40g/m²,
- leveling with a brush.
- Air- or forced drying
 OR
- roller application: Apply the stain with a soft roller ca 20g/m²
- · leveling with a brush
- Air- or forced drying OR
- Handapplication: apply the Stain Pearl generously with a brush in the direction of the wood fiber.
- Leveling afterwards with brush or cloth.
- · Air- or forced drying

After drying, sand the top of the surface to get an unique effect.

Possible to spray a second stain on top. Please check with the technical staff of Ciranova.

REMARKS

- Only use stainless material.
 Clean immediately after use.
- Afterwards the Stain Pearl can be finished with UV Oil, Hardwaxoil Magic, UN1CO or wax.
- The final colour depends on the type of wood, sanding, wood preparation and the applied quantity.
- For this reason its always recommended to make a test first before starting production.

MAINTENANCE

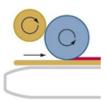
NA

WAREHOUSING: by "10 - 40°C"

12 months in well-closed and original packaging.









INDUSTRIAL WOODCOATINGS



ATOLL DUST Code: 265 - 007358

DESCRIPTION

Atoll dust is a special powder, who can give liming effects in the wood grains or wood surface.

APPLICATION

Brush, clothes, pads. Wet version: spray, brush.

TECHNICAL DATA

White mineral powder Density: 2.9 kg/l

USER INSTRUCTIONS

- Prepare the wood well by sanding or brushing.
- Brush the woodgrains carefully, remove the dust.
- Apply Atoll dust on rough prepared wood or stained wood.

For Atoll dust effect in the wood grains: Mix 10% Atoll dust with water. Stir well, spray the surface approx. 50gr/m².

Dry on room temperature or dry with hot air oven.

For heavy atoll dust effect, rub up dry Atoll dust with a cloth or pad Remove the unwanted Atoll dust.

Finish:

UV oil or Hardwax oil Magic finish.

For Uv oil finish seal first the atoll dust surface with Hydro roller oil 6626 or Oculto roll 7285.

WAREHOUSING: by 10 - 40 °C

24 months







INDUSTRIAL WOODCOATINGS



OCULTO ROLL - code: 163-007285

DESCRIPTION

OCULTO ROLL is a PU waterbased ecological impregnating oil for parquet and wooden furniture. The wood maintains its original, natural look and is invisible. OCULTO has anti-slip characteristics and has an UV-inhibitor which prevents the wood from yellowing.

Can be used as one-pot-system there where several coats are necessary. Resistant.

Resistant against most cleaning products.

APPLICATION

OCULTO ROLL is especially designed to finish parquet and wooden floors with an industrial roller coater.
Only for interior use.

TECHNICAL DATA

Aspect: milky

Flash Point: not applicable
Density: 1.03 kg/L
Drying: quick drying
Viscosity: ca 20 sec DIN 8
Solid contents: ca 29% by weight

Gloss: ultra matt Application T°: 15 – 25°C

TO USE WITHOUT HARDENER

CERTIFICATES

NA

PACKAGING

R2B - 5 LT U2B - 20 LT

USER INSTRUCTIONS

By rollercoater + UV Oil:

- Stirr well before use.
- Sand the wood with grain 120 150 and remove the sanding dust.
- When first staining the wood, check with the technical staff of Ciranova.
- Apply the first coat with a roller coater, ca 25 g/m²- forced air drying.
- Drying (drying time is dependant on the air humidity, temperature, ventilation of the room); max. temperature is 45 °C, drying time is 10 min – 4 hours.
- No sanding! if necessary slight polishing.
- Finish with 2 coats of UV OIL Clear (follow the corresponding technical data sheet).

REMARKS

- OCULTO ROLL skins fast in contact with air, if necessary filter before use.
- It is recommended to first make a test on the wood before starting the production.
- Be aware of discoloration or detachment because of wood compounds like resin or tannin and special wood species.
- Use only stainless material. After use, rinse the material directly with water.

MAINTENANCE

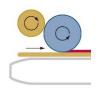
NA

WAREHOUSING by "10 - 40°C"

Not frost-durable. 12 months is well-closed and original packing.

"All tests and application methods are done with the above-mentioned Debal Coatings components. We are not responsible for application with other materials, unless written agreement from Debal Coatings."

DATE: 11/2017









INDUSTRIAL WOODCOATINGS



Hydro Roll Oil Product code: 163-006626

DESCRIPTION

HYDRO ROLL OIL is a waterbased ecological impregnating oil for parquet and wooden furniture. The wood maintains its original, natural look and is invisible.

APPLICATION

HYDRO ROLL OIL is especially made to finish parquet and wooden floors with an industrial roller coater.

Only for interior use.

CHARACTERISTICS

- Can be used as a primer and must be protected with UV OIL Clear.
- Resistant

TECHNICAL DATA

Aspect: milky

Flash Point: not applicable
Density: ca 1.03 kg/L
Drying: quick drying
Viscosity: ca 20 sec DIN 8
Solid contents: ca 35.5% by weight

Gloss: silky Application T°: 15 - 25°C

TO USE WITHOUT HARDENER

PACKING:

5LT 20LT

APPLICATION

By rollercoater: 20 - 30 g/m²

USER INSTRUCTIONS

- Stirr well before use.
- Sand the wood with grain 120 150 and remove the sanding dust.
- When first staining the wood, check with the technical staff of Ciranova.
- Apply the first coat with a roller coater, ca 25 g/m²- forced air drying.
- Drying (drying time is dependant on the air humidity, temperature, ventilation of the room); max. temperature is 45 °C, drying time is 10 min - 4 hours.
- No sanding! If necessary slight polishing.
- Finish with 2 coats of UV OIL Clear (follow the corresponding technical data sheet).

REMARKS

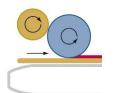
- HYDRO ROLL OIL skins fast in contact with air, if necessary filter before use.
- It is recommended to first make a test on the wood before starting the production.
- Be aware of discoloration or detachment because of wood compounds like resin or tannin and special wood species.
- Use only stainless material. After use, rinse the material directly with water.

WAREHOUSING by 5-35°C

- Not frost-durable.
- 12 months is well-closed and original packing.

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DATE: 11/2017







INDUSTRIAL WOODCOATINGS



Hydro Roll Oil Woodlook - Code: 163-006326

DESCRIPTION

HYDRO ROLL OIL WOODLOOK is a waterbased ecological impregnating oil for parquet and wooden furniture. The wood maintains is slightly bleaching. Can be used as a primer and must be protected with UV OIL Clear.

APPLICATION

Resistant.

HYDRO ROLL OIL WOODLOOK is especially made to finish parquet and wooden floors with an industrial roller coater.

Only for interior use.

TECHNICAL DATA

Aspect: milky

Flash Point: not applicable
Density: ca 1.03 kg/L
Drying: quick drying
Viscosity: ca 20 sec DIN 8
Solid contents: ca 36.5% by weight

Gloss: Silky Application T°: 15 – 25°C

TO USE WITHOUT HARDENER

CERTIFICATES

NA

PACKAGING

R2B – 5LT U2B – 20LT

USER INSTRUCTIONS

- By rollercoater: 20 30 g/m².
- Stirr well before use.
- Sand the wood with grain 120 150 and remove the sanding dust.
- When first staining the wood, check with the technical staff of Ciranova.
- Apply the first coat with a roller coater, ca 25 g/m².
- Drying (drying time is dependant on the air humidity, temperature, ventilation of the room); max. temperature is 45 °C, drying time is 10 min - 4 hours.
- No sanding! If necessary slight polishing.
- Finish with 2 coats of UV OIL Clear (follow the corresponding technical data sheet).

REMARKS

- HYDRO ROLL OIL WOODLOOK skins fast in contact with air, if necessary filter before use.
- It is recommended to first make a test on the wood before starting the production.
- Be aware of discoloration or detachment because of wood compounds like resin or tannin and special wood species.
- Use only stainless material. After use, rinse the material directly with water.

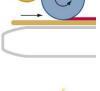
MAINTENANCE

NA

WAREHOUSING: by "10 - 40°C"

Not frost-durable.

12 months is well-closed and original packing.







"All tests and application methods are done with the above-mentioned Debal Coatings components. We are not responsible for application with other materials, unless written agreement from Debal Coatings."

INDUSTRIAL WOODCOATINGS



Hydro Rolleroil Natural - Code: 163-006627

DESCRIPTION

HYDRO ROLLEROIL NATURAL is a waterbased ecological impregnating oil for parquet and wooden furniture. The wood maintains its original, natural look and is invisible.

Can be used as a primer and must be protected with UV OIL Clear.
Resistant.

APPLICATION

HYDRO ROLL OIL NATURAL is especially made to finish parquet and wooden floors with an industrial roller coater: 20 – 30g/m² Only for interior use.

TECHNICAL DATA

Aspect: milky

Flash Point: not applicable
Density: ca 1.03 kg/L
Drying: quick drying
Viscosity: ca 20 sec DIN 8
Solid contents: ca 36.5 % by weight

Gloss: Silky Application T°: 15 – 25°C

TO USE WITHOUT HARDENER

CERTIFICATES

NA

PACKAGING:

R2B – 5LT U2B – 20LT

USER INSTRUCTIONS

- Stirr well before use.
- Sand the wood with grain 120 150 and remove the sanding dust.
- When first staining the wood, check with the technical staff of Ciranova.
- Apply the first coat with a roller coater, ca 25 g/m².
- Drying (drying time is dependant on the air humidity, temperature, ventilation of the room); max. temperature is 45 °C, drying time is 10 min - 4 hours.
- No sanding! If necessary slight polishing.
- Finish with 2 coats of UV OIL Clear (follow the corresponding technical data sheet).

REMARKS

- HYDRO ROLL OIL NATURAL skins fast in contact with air, if necessary filter before use.
- It is recommended to first make a test on the wood before starting the production.
- Be aware of discoloration or detachment because of wood compounds like resin or tannin and special wood species.
- Use only stainless material. After use, rinse the material directly with water.

MAINTENANCE

NA

WAREHOUSING: by "10 - 40°C"

Not frost-durable. 12 months is well-closed and original packing.





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INDUSTRIAL WOODCOATINGS



Hardwaxoil Magic - Code: 650-xxxxxx

DESCRIPTION

Hardwaxoil Magic is a special oil suitable for oil finishing of wooden floors. Good filling properties, natural colour, good chemical and mechanical resistance.

The durability can be improved by adding hardener UA 5% (optional).

APPLICATION

Can be applied by roller coater, polishing machine (white or beige pad), paintbrush, roller or cloth.

TECHNICAL DATA

Aspect depends on the colour Density +/- 0,91 kg/lt at 20°C

Viscosity +/- 35-45 sec.

(DIN 4mm/20°C)
Drying oxidative / chemical
Solid Content ca. 51% in weight
Gloss level matt or satin
Hardener hardener UA 5%

(optional).

Mix ratio 100/5 (adding 5% to

Hardwaxoil Magic)

Pot-life 8 hours

Application t° MINIMUM 15°C!

Available in 8 colours.

Standard: natural, natural white, white, extra white, grey, old grey,

smoked oak, black.

CERTIFICATES

Certified following EN 71-3.
Certified in accordance with Indoor Air Comfort.

PACKAGING

1LT 5LT 20LT

USER INSTRUCTIONS

- Stirr well before use.
- Optional: add the amount of hardener and mix well.
- Apply +/- 15 g/m² per coat.
- After applying the oil, the excess has to be buffed in until the surface doesn't feel sticky.
- Overnight drying (min. 20°C).
- 2 coats are recommended for hard wood. For soft wood 3 coats are recommended.
- Drying:
 - Hardwaxoil MAGIC NATURAL:
 +/- 6h.
 - COLORED Hardwaxoil MAGIC: +/- 12h

REMARKS

- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- The drying time is strongly depending on the applied quantity, the temperature and the ventilation of the room. Through a higher temperature and a good ventilation, drying time is reduced.
- Used cloths or pads should be plunged in water because of the danger of spontaneous combustion.
- We recommend Hardwaxoil Magic Natural as topcoat on the pigmented Hardwaxoils.

MAINTENANCE

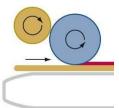
Clean regulary with flooringsoap Ciranova. Depending on the use of the floor, use maintenance oil 1 time a year. For through cleaning, use Intensive Cleaner Ciranova®. ATTENTION: The hardwaxoil Magic needs +/- 14 days to fully cure. Don't use any water or maintenance products on the floor during this period.

WAREHOUSING by "10 - 40 °C

24 months in well-closed and original packaging.













INDUSTRIAL WOODCOATINGS



UV Oil Clear Extra Matt - Product code: 680-007403

DESCRIPTION

Natural oil, modified acrylics.

UV Curing.

Can be used as a basecoat and topcoat.

Good adhesion on wood.

Clear coloring of the wood..

Low filmbuild.

Gives a perfect look as a traditional oiled wooden floor.

APPLICATION

Can only be applied by rollercoater. UV Oil Clear Extra Matt is suitable to finish wooden floors and other wooden parts. Only for interior use.

TECHNICAL DATA

Aspect: milky, grey

Density: +/- 1,18 kg/lt at 20°C

Drying: UV curing

Solid content: ca 96 % in weight Gloss: Matt 3-5°, depending

the applied quantity

Hardener: 680-005151

Mix ratio: 100/4 (adding 4% to

base)

Pot-life: 8 hours

Application t°: MINIMUM 15°C!

CERTIFICATES

NA

PACKAGING

N1A - 1 KG R2B - 5 KG U2B – 20 KG

USER INSTRUCTIONS

- Only by rollercoater
- Stirr well before use
- Add the amount of hardener and mix well
- Apply +/- 10 15 g/m²
- Use custom brushes and/or pads to distribute the oil into the wood
- Cure by UV lamps (ca 1 lamp Hg 80W 10 m beltspeed)
- Slight brush sanding
- Apply 5 10 g/m² UV oil clear extra matt
- Cure by UV lamps (2 3 lamps Hg 80W / 10 m beltspeed)

REMARKS

- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

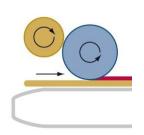
Use Ciranova Flooring Soap and Ciranova Maintenance oil.

Warehousing: by 10 - 40 °C

6 months in well-closed and original packing.

"All tests and application methods are done with the above-mentioned Debal Coatings components. We are not responsible for application with other materials, unless written agreement from Debal coatings".

DATE: 10/2017





INDUSTRIAL WOODCOATINGS



UV Oil Clear Matt - article code: 680-005149

DESCRIPTION

Natural oil, modified acrylics.

UV Curing.

Can be used as a basecoat and topcoat.

Good adhesion on wood

Clear coloring of the wood

Low filmbuild

Gives a perfect look as a traditional oiled wooden floor

APPLICATION

Can only be applied by rollercoater.

UV Oil Matt is suitable to finish wooden floors and other wooden parts.

Only for interior use.

TECHNICAL DATA

Aspect: milky, grey

Density: +/- 1,18 kg/lt at 20°C

Drying: **UV** curing Solid content: 96 % in weight

Matt 5-10°, depending Gloss:

the applied quantity

680-005151 Hardener:

100/4 (adding 4% to Mix ratio:

base)

Pot-life: 8 hours

MINIMUM 15°C! Application t°:

CERTIFICATES

NA

PACKAGING

N1A - 1 KG R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- Only by rollercoater
- Stirr well before use
- Add the amount of hardener and mix
- Apply $+/-10 15 \text{ g/m}^2$
- Use custom brushes and/or pads to distribute the oil into the wood
- Cure by UV lamps (1 lamp Hg 80W -10 m beltspeed)
- Slight brush sanding
- Apply 5 10 g/m² UV oil clear matt
- Cure by UV lamps (2 3 lamps Hg 80W / 10 m beltspeed)

REMARKS

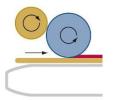
- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

Use Ciranova Flooring Soap and Ciranova Maintenance oil.

WAREHOUSING: by 10 - 40 °C

6 months in well-closed and original packing.





INDUSTRIAL WOODCOATINGS



UV Oil Clear Satin - article code: 680-007249

DESCRIPTION

Natural oil, modified acrylics.

UV Curing.

Can be used as a basecoat and topcoat.

Good adhesion on wood

Clear coloring of the wood

Low filmbuild

Gives a perfect look as a traditional oiled wooden floor

APPLICATION

Can only be applied by rollercoater. UV Oil Clear Satin is suitable to finish wooden floors and other wooden parts. Only for interior use.

TECHNICAL DATA

Aspect: milky, grey

Density: +/- 1,18 kg/lt at 20°C

Drying: UV curing

Solid content: ca 98 % in weight

Gloss: Satin 30-50°,

depending the applied quantity

Hardener: 680-005151

Mix ratio: 100/4 (adding 4% to

base)

Pot-life: 8 hours

Application t°: MINIMUM 15°C!

CERTIFICATES:

NA

PACKING:

N1A – 1KG R2B – 5KG U2B – 20KG

USER INSTRUCTIONS

- Only by rollercoater
- Stirr well before use
- Add the amount of hardener (4%) and mix well
- Apply +/- 10 15 g/m²
- Use custom brushes and/or pads to distribute the oil into the wood
- Cure by UV lamps (ca 1 lamp Hg 80W 10 m beltspeed)
- Slight brush sanding
- Apply 5 10 g/m² UV oil clear satin
- Cure by UV lamps (2 3 lamps Hg 80W / 10 m beltspeed)

REMARKS

- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

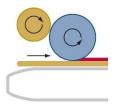
Use Ciranova Flooring Soap and Ciranova Maintenance oil.

WAREHOUSING: "by 10 - 40°C"

6 months in well-closed and original packing.







INDUSTRIAL WOODCOATINGS



UV OIL Primer White - Code: 680-005150

DESCRIPTION

Natural oil, modified acrylics. Tinted in different colors. Good adhesion on wood. Coloring of the wood. (white). Low film build. Gives a perfect look as a traditional oiled wooden floor.

APPLICATION

Gives the wood an extra white color.

TECHNICAL DATA

Aspect white

Density +/- 1,42 kg/lt at 20°C

Drying UV curing

Solid Content ca 98% in weight

Gloss level NA

Hardener 680-005151

Mix ratio 100/4 (adding 4% to

base)

Pot-life 8 hours

Application t° MINIMUM 15°C!

CERTIFICATES

NA

PACKAGING

N1A - 1 KG R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- Colors can be adapted by mixing with UV BASE tinters.
- · Only by rollercoater.
- Stirr well before use.
- Add the amount of hardener and mix well.
- Apply $+/- 10 15 \text{ g/m}^2$.
- Use custom brushes and/or pads to distribute the oil into the wood.
- Cure by UV lamps (1 lamp GA 80w + 1 lamp Hg 80w per 10 m belt speed).
- Slight brush or sanding.
- Apply 5 -10 g/m² UV OIL CLEAR.
- Cure by UV lamps (2 3 lamps Hg 80w per 10m belt speed).

REMARKS

- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

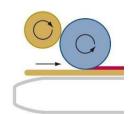
NA

WAREHOUSING: by "10 - 40°C"

6 months in well-closed and original packaging.

" All tests and application methods are done with the above-mentioned Debal Coatings components. We are not responsible for application with other materials, unless written agreement from Debal Coatings."

DATE: 10/2017





INDUSTRIAL WOODCOATINGS



UV OIL COLOR - Code: xxx-xxxxx

DESCRIPTION

Natural oil, modified acrylics, Tinted in different colors. Good adhesion on wood Coloring of the wood Low filmbuild Gives a perfect look as a traditional oiled wooden floor Different colors available.

APPLICATION

Gives the wood a new dimension in different colors.
Only by rollercoater

TECHNICAL DATA

Aspect depends on the colour Density depends on the colour

Drying UV curing

Solid Content ca 98% in weight

Gloss level NA

Hardener 680-005151

Mix ratio 100/4 (adding 4% to

base)

Pot-life 8 hours

Application t° MINIMUM 15°C!

CERTIFICATES

NA

PACKAGING

N1A - 1 KG R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- Color can be adapted by mixing with UV BASE Tinters.
- Stirr well before use.
- Add the amount of hardener and mix well.
- Apply +/- 10 15 g/m².
- Use custom brushes and/or pads to distribute the oil into the wood.
- Cure by UV lamps (1 lamp Ga 80w + 1 lamp Hg 80w per 10 m belt speed).
- Slight brush or sanding.
- Apply 5 -10 g/m² UV OIL CLEAR.
- Cure by UV lamps (2 3 lamps Hg 80w per 10m belt speed).

REMARKS

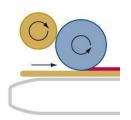
- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

NΑ

WAREHOUSING: by "10 - 40°C"

6 months in well-closed and original packaging.





INDUSTRIAL WOODCOATINGS



UV BASE TINTERS - Code: 175-xxxxx

DESCRIPTION

TINTERS used for UV oils Natural oil, modified acrylics, can be used as a tinted basecoat. Good adhesion on wood. Coloring of the wood. Low film build.

Gives a perfect look as a traditional oiled wooden floor.

APPLICATION

Tinters to be used in UV OIL CLEAR STAIN.

Tinters to adapt the color of colored UV OIL.

TECHNICAL DATA

depends on the colour Aspect Density depends on the colour

Drying UV curing Solid Content 100 % in weight

Gloss level NA

100/4 (adding 4% to Mix ratio

base)

Pot-life 8 hours

Application t° MINIMUM 15°C!

COLORS

UV BASE blue UV BASE clear UV BASE extra white UV BASE green UV BASE oxide yellow UV BASE oxide red UV BASE red **UV BASE** white UV BASE black UV BASE extra black

CERTIFICATES

NA

PACKAGING

N1A - 1 KG R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- All UV Base Tinters can be mixed in all ratio without curing problems.
- Stirr well before use.
- Add the amount of hardener and mix well.
- Apply $+/- 10 15 \text{ g/m}^2$.
- Use custom brushes and/or pads to distribute the oil into the wood.
- Cure by UV lamps (1 lamp Ga 80w + 1 lamp Hg 80w per 10 m belt speed).
- Slight brush or sanding.
- Apply 5 -10 g/m² UV Oil clear
- Cure by UV lamps (2 3 lamps Hg 80w per 10m belt speed).

REMARKS

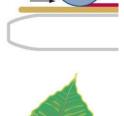
- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

NA

WAREHOUSING: by "10 - 40°C"

6 months in well-closed and original packaging.





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DATE: 11/2017

INDUSTRIAL WOODCOATINGS



UV HYDROPRIMER CLEAR 7893 - code: 680-007893

DESCRIPTION

Environmental friendly, waterbased UV cured hydro-primer on PU acrylate base. As first primer -after staining- used on wood flooring systems.

The adhesion of the total UV system will be improved using this primer.

Free from formaldehyde

APPLICATION

Industrial roller coater.

Apply $+/-10 - 15 \text{ g/m}^2$

TECHNICAL DATA

Viscosity: 15-25 s / 6mm @ 20 °C

Solid content: ca 32%

Density: ca 1,05 at 20°C pH-value: 6,5-8,5 at 20 °C Thinner: water max. 5 %

TO USE WITHOUT HARDENER

CERTIFICATES

NΑ

PACKAGING

R2B – 5LT U2B – 25LT

USER INSTRUCTIONS

- Stirr well before use
- When first staining the wood, check with the technical staff of Ciranova.
- Apply with a roller coater, ca 10-15 g/m².
- Drying in conventional or jet air oven
- Gelling recommendet in function of the following UV layers.
- No sanding.
- Next layer: UV Flooring Sealer Matt 6379
- Topcoat: UV Topcoat 7894 AS GL10
- Follow the corresponding technical data sheet

REMARKS

- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- Protect open drums for UV light and air to avoid paintparticles.
- · Close drums after use.
- Use only stainless material. After use, rinse the material directly with water.
- Be aware of discoloration or detachment because of wood compounds like resin or tannin and special wood species.

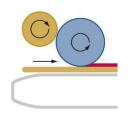
MAINTENANCE

NA

WAREHOUSING: by "10- 40°C"

6 months in well-closed and original packing.

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INDUSTRIAL WOODCOATINGS



UV OIL Primer Clear - Code: 680-007714

DESCRIPTION

Natural oil, modified acrylics. UV curing.

Can be used only as basecoat. Good adhesion on wood.

Coloring of the wood. (clear)

Low film build.

Gives a perfect look as a traditional oiled wooden floor.

APPLICATION

Can only be applied by roller coater.

TECHNICAL DATA

Aspect depends on the colour Density +/- 1,18 kg/lt at 20°C

Drying UV curing

Solid Content ca 98 % in weight

Gloss level NA

Hardener 680-005151

Mix ratio 100/4 (adding 4% to

base)

Pot-life 8 hours

Application t° MINIMUM 15°C!

CERTIFICATES

NA

PACKAGING

N1A - 1 KG R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- Stirr well before use.
- Add the amount of hardener and mix well.
- Apply +/- 10 15 g/m².
- Use custom brushes and/or pads to distribute the oil into the wood.
- Cure by UV lamps (1 lamp Hg 80w per 10 m belt speed).
- Slight brush or sanding.
- Apply 5 -10 g/m² UV OIL CLEAR.
- Cure by UV lamps (2 3 lamps Hg 80w per 10m belt speed).

REMARKS

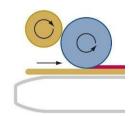
- The use of coatings containing isocyanates demands convenient precautions (see MSDS).
- Avoid sanding the first coat by gelling the film with low energy UV lamps.
- The added hardener will help to cure the UV Oil also in the wood where the UV lamps cannot reach.
- The hardener will also improve the adhesion, resistance to water and other chemical products.

MAINTENANCE

NA

WAREHOUSING: by "10 - 40°C"

6 months in well-closed and original packaging.





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INDUSTRIAL WOODCOATINGS



UV FLOORING SEALER MATT 6379 - code: 680-006379

DESCRIPTION

This UV flooring clear sealer matt is a UV curing product and reach a high level of transparancy / matt pore's.

Used in open pore UV Wood flooring systems.

APPLICATION

Industrial roller coater. Apply +/- 15 – 30 g/m²

TECHNICAL DATA

Viscosity: 35-45 s / 6mm @ 20 °C

Production viscosity: as delivered.

Solid content: 97 Gew-% +-2 %

Density: 1,21 +- 0,1 g/ml at 20°C

Gloss: matt 9 - 13 % (60°)

TO USE WITHOUT HARDENER

CERTIFICATES

DIN 68861 -1B

DIN 53160

PACKAGING

R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- Stirr well before use
- Apply +/- 15 30 g/m².
- UV Flooring sealer matt is intend to use as next layer on the UV Hvdroprimer clear 7893.
- Cure by UV lamps (1 lamp Hg 80W 5-10 m beltspeed)
- Topcoat: UV Topcoat 7894 AS GL 10.
- Follow the corresponding technical data sheet.

REMARKS

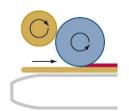
- Protect open drums from UV light.
- · Close carefully drums after using.
- Check adhesion of the system on regular bases, change settings of the UV lamps when necessary.
- Temperature of use 15-40°C
- · For industrial use only

MAINTENANCE

NA

WAREHOUSING: by "10 - 40 °C"

6 months in well-closed and original packaging.







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INDUSTRIAL WOODCOATINGS



UV TOPCOAT 7894 ANTI SCRATCH GLOSS10

Product code: 680-007894

DESCRIPTION

HQ UV curing topcoat with good anti scratch properties.

Reach a high level of transparant, smooth matt surface.

Used in open / closed pore systems for UV Wood flooring systems.

APPLICATION

Industrial roller coater.

Apply approx. 2 X 6gr/M2

TECHNICAL DATA

Viscosity: 18-25s / 6mm at 20 °C

Solid content: ca 97%

Density: 1.15 +- 0,1 g/ml at 20°C

Gloss: matt 10 % (60°)

TO USE WITHOUT HARDENER

CERTIFICATES:

DIN 68861-1B Chemical resistance DIN 53160

PACKING:

R2B - 5 KG U2B - 20 KG

USER INSTRUCTIONS

- Stirr well before use
- To avoid adhesion issues, sand the UV sealer thorougly and apply UV Topcoat 7894 within 12Hours.
- Apply +/- 2 X 6 gr/M2
- Cure by UV lamps (1 lamp Hg 80W 5-10 m beltspeed)
- Follow the corresponding technical data sheet.

REMARKS

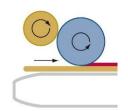
- Protect open drums from UV light.
- Close carefully drums after using.
- Check adhesion of the system on regular bases, change settings of the UV lamps when necessary.
- Temperature of use 15-40°C
- For industrial use only

MAINTENANCE

Use the maintenance program of CIRANOVA Lacquered Floors.

WAREHOUSING: by "10 - 40 °C"

6 months in well-closed and original packing.





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DATE: 01/2017

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