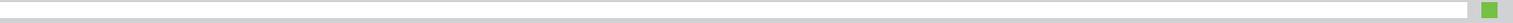




Handbook







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Every wood flooring is unique

Wood floorings are identified with the most significant places of our lives. We walk on them with our stories and expectations. That's why there's a special attention to the formulas of Renner Italia coatings for wood floorings. Solid is Renner Italia coatings range for wood floorings. Wood floorings coated by Solid combine Italian design together with international high technology. Every product contains the research of our hi-tech laboratories. Water-based coatings, primers, topcoats, oils, waxes and detergents of Solid range enhance the natural beauty of wood, by giving it extraordinary resistance to foot traffic, scratches, strikes and chemical agents.





RENNERLAB ECO-FRIENDLY

Solid coatings for wood floorings are eco-friendly and attentive to the health of users. Solid water-based coatings are created in the respect of men and nature. Users and people who live daily the spaces can take great advantages of them. The green technology of Solid range is based on the guidelines of Rennerlab Eco-friendly project. Rennerlab Eco-friendly project aims at building a healthy world for those, who choose wood as building element of their spaces.



HI-TECH QUALITY

Thanks to Solid range, the hi-tech quality of Renner Italia lab is available also to professional users. Renner Italia R&D department focuses on decoration and protection of every timber, in every exposure condition and for every performance and aesthetical need. It researches and tests new products every day. Renner Italia chemists collaborate constantly with the furniture industry, in order to create suitable products which meet the expectations of customers.



FIREWALL

Our coatings for wood floorings are trendy, eco-friendly, ultra-resistant and also fire-retardant. Check the icons on the labels: Solid products showing the red shield boast features of passive resistance to fire. These products are part of certified coating systems.



UV+ PROTECTION

Solid coatings for wood floorings are protected by UV+ Protection program of Renner Italia lab. Topcoats and oils of Solid range contain UV absorbers that protect coating polymers, preventing degradation and discolouring. Solid UV+ Protection absorbers dissipate the energy from UV rays in form of heat through a process of intramolecular transfer. This trick reduces the absorption of UV rays by polymers, so they remain stable over time. UV+ Protection program is particularly recommended for light woods, stressed by sunlight.



HIGH TRAFFIC

Solid topcoats give their best on wood floorings located in spaces with high foot traffic. This is certified by Catas, the Italian Institute for certification, research and test in the field of wood furniture. Solid topcoats passed with top marks taber test for wear resistance, so they comply with UNI EN 15185:2011 standard.



SPORT

Every indoor sport requires a flooring with specific technical, functional, environmental, comfortable and aesthetical features, that allow the correct flow of the sport performance. Solid coatings showing this icon comply with UNI EN 14904 standard regarding indoor multi-sport surfaces. So, they are suitable for the protection of wood floorings in sport areas (wood floorings for basketball, volleyball, handball, etc.).



100% CLEAN

Rennerlab Eco-friendly project takes the distance from old working systems. In fact, the production of Renner Italia coatings and Solid coatings for wood floorings is fed only by electric energy from renewable sources.

The plants where Solid products are made are powered only by hydroelectric, wind, sun and biomass energy. Renner Italia, even in this case, aims at reducing the polluting impact of the energy system and protecting the environment.







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SOLIDBASE

XD 1061

THE PRIMER

The water-based primer with excellent wetting and brightening features.



Mix it well before the use.
Add 10% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-12 m²/L



Sandability:
after 12 hours

CODE	PACK. L	COLOUR
XD 1061	5	TRANSPARENT



SOLIDBASE

XD 1061

Description

SolidBase is a water-based 2k coating for wood floorings with high insulating power. Suitable for all timbers, exotic included. Made of acrylic polyurethane resins, it is elastic, non-yellowing and low in solvents.

Version

XD 1061 SolidBase

Application fields

Raw wood floorings, cork or restoration of already treated floorings.

Main features

The special formula allows a colour brightening of the natural wood colour, usually obtained with solvent-based products. Therefore, this product is particularly suitable for coating dark timbers and exotic woods such as iroko, merbau, etc.

Application method

Roller, brush.

Product preparation

Catalyse the product at 10% with Solid2K hardener. During summertime, or when the wood is very dry, it is recommended to dilute it 5-10% with SolidLongLife or tap water. If necessary, add the hardener after the dilution to get a better yield of the product.

Chemical-physical features at 23°C

Look	Whitish liquid	Chemical family	Acrylic-polyurethane aliphatic
Colour	White (variable shade)	Viscosity [s]	(23°C; DIN4) 23 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) 26 +/- 5
Specific weight [g/ml]	1,03 +/- 0,03		

Application features

Recommended coats	1-2	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 50; max. 120	Light foot traffic [hours]	4
Durability of blend [hours]	4 (3 in summer time)	Sandability [hours]	Min. 16
Drying time between coats [hours]	3-16	Liveable [days]	3
Yield for two coats [m²/L]	8 - 14		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 10% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with tap water. If required, apply the third coat without sanding after 3-4 hours from the previous one. The treated surface can be sanded after 16 hours with regular temperature and humidity. The maximum crosslinking is reached within a week. Wait at least 48 hours before sanding, in case of critical temperature and humidity (under 15°C and high external humidity level).

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

For a regular treatment of hardwoods, apply a coat of SolidBase following its application instructions. Sand with 320 grit sandpaper and apply one or two coats of the chosen Solid topcoat. On light woods, that can rise the fiber or coated with SolidZero topcoat, apply two coats of SolidBase primer with intermediate sanding following its application instructions. Sand and apply one or two coats of the chosen Solid topcoat.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Sanding

Sanding SolidBase, if properly dry, is very fast and easy. Fine abrasives (280-320) are recommended to avoid an excessive film removal. An excessive sanding of the primer, especially if combined with ultra matt topcoats, can develop some stains of different colour from the wood near the "strikes".

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Tools cleaning

Before the product dries, it can be removed from roller/brush with tap water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDZERO

XD 1100

THE INVISIBLE TOPCOAT

The extra matt water-based coating of fine beauty,
highly resistant to high foot traffic.

Certified in Class 1 of Reaction to Fire UNI 9796.



Mix it well before the use.
Add 10% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-15 m²/L



Overcoating:
within 24 hours



Foot traffic:
light 4 hours
regular 72 hours

CODE	PACK. L	COLOUR
XD 1100	5	TRANSPARENT



SOLIDZERO

XD 1100

Description

SolidBase is a water-based 2k coating for wood flooring with ultra matt look, particularly suitable for light timbers.

Version

XD 1100 SolidZero

Application fields

Raw wood floorings or restoration of already treated floorings.

Main features

It is extremely resistant to wear, elastic, low in solvents and free from harmful substances for the user and the environment thanks to its formula made from polyurethane resins. Its special UV filters make it non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 10% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife.

Certifications or features of dry film in coating system: 1 coat SolidBase + 2 coats SolidZero

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Certifications of dry film in coating system: 1 coat SolidZero and 1 coat SolidZero, catalysed at 10% with Solid2K

- Dry thickness UNI EN ISO 2808
- Adhesion UNI EN ISO 2409
- Resistances to cold liquids UNI EN 13442
- Resistance to dirt UNI 9300
- Surface hardness UNI 10782
- Resistance to scratches UNI EN 15186:2010
- Resistance to wear UNI EN 15185:2011
- Resistance to temperature changes UNI 9429/89

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,03 +/- 0,03
Colour	White (variable shade)	Chemical family	Polyurethane aliphatic
Gloss level [gloss]	3 +/- 2	Viscosity [s]	(23°C; DIN4) 23 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) 26 +/- 5

Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 50; max. 120	Light foot traffic [hours]	4
Sandability of first coat [hours]	Min. 6	Normal foot traffic [hours]	24
Drying time between coats [hours]	3-6	Livable [days]	3
Yield for two coats [m²/L]	6-7		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate. On resinous, dark and particularly hard timbers such as iroko, merbau, etc. it is recommended to use SolidBase primer catalysed at 10% with Solid2K as first coat, to improve the aesthetic result and the grip of the coating system.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 10% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with tap water. Wait at least 12 hours before sanding with 120-180 grit sandpaper or with mechanical system equipped with 150-180 grit sandpaper. Vacuum-clean, add 10% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 3-4 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 72 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply two or three coats of SolidZero following the application instruction in order not to alter the colour of light timbers. Apply one or two coats of SolidBase primer (see TDS of the product) and one or two coats of SolidZero following the application instruction on dark timbers or to obtain a change in wood colour similar to the one it can be obtained with a solvent-based coating system.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidZero

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Immediately clean the tools after the use. Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDNATURE

XD 1105

THE COMPLETE TOPCOAT

The unreachable beauty of wood floorings is protected by this 5 gloss water-based coating resistant to high foot traffic.



Mix it well before the use.
Add 10% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-15 m²/L



Overcoating:
within 24 hours



Foot traffic:
light 4 hours
regular 72 hours

CODE	PACK. L	COLOUR
XD 1105	5	TRANSPARENT



SOLIDNATURE

XD 1105

Description

SolidNature, SolidClassic and SolidCrystal are water-based 2k coatings for wood flooring, extremely resistant to wear and suitable for all timbers.

Versions

XD 1105 SolidNature 5 gloss | XD 1120 SolidClassic 20 gloss | XD 1150 SolidCrystal 50 gloss

Application fields

Raw wood floorings, cork or restoration of already treated floorings.

Main features

They are elastic, low in solvents and free from harmful substances for the user and the environment thanks to their formula made from polyurethane resins. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 10% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife.

Certifications or features of dry film in coating system: 1 coat SolidBase + 2 coats SolidClassic in 2k coating system

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Certifications of dry film in coating system: 1 coat XD 11XX, catalysed at 10% with Solid2K

Indoor multi-sport surfaces UNI EN 14904

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Polyurethane aliphatic
Gloss level [gloss] Nature Classic Crystal	5 +/- 2 5 +/- 2 50 +/- 5	Viscosity [s]	(23°C; DIN4) 23 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) 26 +/- 5

Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 50; max. 120	Light foot traffic [hours]	4
Sandability of first coat [hours]	Min. 6	Normal foot traffic [hours]	24
Drying time between coats [hours]	3-6	Liveable [days]	3
Yield for two coats [m²/L]	6-7		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate. On resinous, dark and particularly hard timbers such as iroko, merbau, etc. it is recommended to use SolidBase primer catalysed at 10% with Solid2K as first coat, to improve the aesthetic result and the grip of the coating system.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 10% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with tap water. Wait at least 12 hours before sanding with 150-220 grit sandpaper or with mechanical system equipped with 180-240 grit sandpaper. Vacuum-clean, add 10% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 3-4 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 72 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply the first coat of SolidZero following the application instructions of the product, to obtain a shade more similar to natural wood colour. Apply one coat of SolidNature, SolidClassic or SolidCrystal following the application instructions to obtain a regular wood colour. Apply one or two coats of SolidBase primer (see TDS of the product) and one or two coats of SolidNature, SolidClassic or SolidCrystal following the application instructions on dark timbers or to obtain a change in wood colour similar to the one it can be obtained with a solvent-based coating system.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidNature, SolidClassic and SolidCrystal

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDCLASSIC

XD 1120

THE TRADITIONAL TOPCOAT

This 20 gloss water-based coating resistant to high foot traffic has a strong matt effect, appreciated by those, who love wood floorings with a warm and familiar design.



Mix it well before the use.
Add 10% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-15 m²/L



Overcoating:
within 24 hours



Foot traffic:
light 4 hours
regular 72 hours

CODE	PACK. L	COLOUR
XD 1120	5	TRANSPARENT



SOLIDCLASSIC

XD 1120

Description

SolidNature, SolidClassic and SolidCrystal are water-based 2k coatings for wood flooring, extremely resistant to wear and suitable for all timbers.

Versions

XD 1105 SolidNature 5 gloss | XD 1120 SolidClassic 20 gloss | XD 1150 SolidCrystal 50 gloss

Application fields

Raw wood floorings, cork or restoration of already treated floorings.

Main features

They are elastic, low in solvents and free from harmful substances for the user and the environment thanks to their formula made from polyurethane resins. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 10% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife.

Certifications or features of dry film in coating system: 1 coat SolidBase + 2 coats SolidClassic in 2k coating system

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Certifications of dry film in coating system: 1 coat XD 11XX, catalysed at 10% with Solid2K

Indoor multi-sport surfaces UNI EN 14904

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Polyurethane aliphatic
Gloss level [gloss] Nature Classic Crystal	5 +/- 2 5 +/- 2 50 +/- 5	Viscosity [s]	(23°C; DIN4) 23 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) 26 +/- 5

Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 50; max. 120	Light foot traffic [hours]	4
Sandability of first coat [hours]	Min. 6	Normal foot traffic [hours]	24
Drying time between coats [hours]	3-6	Livable [days]	3
Yield for two coats [m²/L]	6-7		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate. On resinous, dark and particularly hard timbers such as iroko, merbau, etc., it is recommended to use SolidBase primer catalysed at 10% with Solid2K as first coat, to improve the aesthetic result and the grip of the coating system.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 10% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with tap water. Wait at least 12 hours before sanding with 150-220 grit sandpaper or with mechanical system equipped with 180-240 grit sandpaper. Vacuum-clean, add 10% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 3-4 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 72 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply the first coat of SolidZero following the application instructions of the product, to obtain a shade more similar to natural wood colour. Apply one coat of SolidNature, SolidClassic or SolidCrystal following the application instructions to obtain a regular wood colour. Apply one or two coats of SolidBase primer (see TDS of the product) and one or two coats of SolidNature, SolidClassic or SolidCrystal following the application instructions on dark timbers or to obtain a change in wood colour similar to the one it can be obtained with a solvent-based coating system.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidNature, SolidClassic and SolidCrystal

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDCRYSTAL

XD 1150

THE DYNAMIC TOPCOAT

This 50 gloss water-based coating resistant to high foot traffic gives the wood flooring surface a bright and harmonious effect.



Mix it well before the use.
Add 10% of Solid2K hardener



Application:
by brush or roller at more than 15°C



Yield per coat:
10-15 m²/L



Overcoating:
within 24 hours



Foot traffic:
light 4 hours
regular 72 hours

CODE	PACK. L	COLOUR
XD 1150	5	TRANSPARENT



SOLIDCRYSTAL

XD 1150

Description

SolidNature, SolidClassic and SolidCrystal are water-based 2k coatings for wood flooring, extremely resistant to wear and suitable for all timbers.

Versions

XD 1105 SolidNature 5 gloss | XD 1120 SolidClassic 20 gloss | XD 1150 SolidCrystal 50 gloss

Application fields

Raw wood floorings, cork or restoration of already treated floorings.

Main features

They are elastic, low in solvents and free from harmful substances for the user and the environment thanks to their formula made from polyurethane resins. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 10% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife.

Certifications or features of dry film in coating system: 1 coat SolidBase + 2 coats SolidClassic in 2k coating system

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Certifications of dry film in coating system: 1 coat XD 11XX, catalysed at 10% with Solid2K

Indoor multi-sport surfaces UNI EN 14904

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Polyurethane aliphatic
Gloss level [gloss] Nature Classic Crystal	5 +/- 2 5 +/- 2 50 +/- 5	Viscosity [s]	(23°C; DIN4) 23 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) 26 +/- 5

Caratteristiche applicative

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 50; max. 120	Light foot traffic [hours]	4
Sandability of first coat [hours]	Min. 6	Normal foot traffic [hours]	24
Drying time between coats [hours]	3-6	Livable [days]	3
Yield for two coats [m²/L]	6-7		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate. On resinous, dark and particularly hard timbers such as iroko, merbau, etc. it is recommended to use SolidBase primer catalysed at 10% with Solid2K as first coat, to improve the aesthetic result and the grip of the coating system.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 10% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with tap water. Wait at least 12 hours before sanding with 150-220 grit sandpaper or with mechanical system equipped with 180-240 grit sandpaper. Vacuum-clean, add 10% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 3-4 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 72 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply the first coat of SolidZero following the application instructions of the product, to obtain a shade more similar to natural wood colour. Apply one coat of SolidNature, SolidClassic or SolidCrystal following the application instructions to obtain a regular wood colour. Apply one or two coats of SolidBase primer (see TDS of the product) and one or two coats of SolidNature, SolidClassic or SolidCrystal following the application instructions on dark timbers or to obtain a change in wood colour similar to the one it can be obtained with a solvent-based coating system.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidNature, SolidClassic and SolidCrystal

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDOIL

XD 3000

THE BREATHABLE OIL

For breathable and continuously self-regenerating wood floorings.
Certified in Class 1 Reaction to Fire UNI 9796.



Mix it well before the use.
Add 5% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-15 m²/L



Sandability:
after 12 hours



Foot traffic:
24 hours

CODE	PACK. L	COLOUR
XD 3000	5	TRANSPARENT



SOLIDOIL

XD 3000

Description

SolidOil is a natural effect ultra matt hydro-oil, with good harmonizing power. It is suitable for all timbers.

SolidOilNature is a natural effect hydro-oil with low gloss level, suitable for light timbers whenever a bleaching effect is required.

SolidOilLux is a glossy hydro-oil for all timbers.

Versions

XD 3000 SolidOil | XD 3094 SolidOilNature | XD 3070 SolidOilLux

Application fields

Raw wood floorings or restoration of already treated floorings.

Main features

These topcoats are made from urethane oils and offer excellent chemical and wear resistances higher than the conventional oil or wax treatment, available on the market. They are elastic, low in solvents and free from harmful substances for the user and the environment. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 5% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife or tap water.

Certifications or features of dry film in coating system: 3 coats SolidOil

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Non-yellowing urethane oils
Gloss level [gloss]	XD 3000/XD 3094 5 +/- 2 XD 3070 60 +/- 10	Viscosity [s]	(23°C; DIN4) XD 3000/XD 3094 16 +/- 5 (23°C; DIN4) XD 3070 25 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) XD 3000/XD 3094 17 +/- 5 (23°C; DIN4) XD 3070 27 +/- 5

Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 40; max. 80	Light foot traffic [hours]	XD 3000/XD 3094 4 XD 3070 16
Sandability of first coat [hours]	XD 3000/XD 3094 min. 4 XD 3070 24	Normal foot traffic [hours]	XD 3000/XD 3094 24 XD 3070 48
Drying time between coats [hours]	2-6	Livable [days]	XD 3000/XD 3094 2 XD 3070 5
Yield for two coats [m²/L]	7-9		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 5% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with SolidLongLife or tap water. Wait at least 6 hours before sanding with 220-280 grit sandpaper or with mechanical system equipped with 320-360 grit sandpaper. Vacuum-clean, add 5% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 2-3 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 48 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply two or three coats of SolidOilNature following the application instructions, not to change the colour of light timbers. Apply three coats of SolidOil or SolidOilLux following the application instructions on dark timbers or to obtain a brightening effect of the wood.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidOilNature

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Immediately clean the tools after the use. Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDOILNATURE

XD 3094

THE BLEACHING EFFECT OIL

For light wood floorings.

Certified in Class 1 of Reaction to Fire UNI 9796.



Mix it well before the use.
Add 5% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-15 m²/L



Sandability:
after 12 hours



Foot traffic:
24 hours

CODE	PACK. L	COLOUR
XD 3094	5	SEMI-TRANSPARENT WHITE

SOLIDOILNATURE

XD 3094

Description

SolidOil is a natural effect ultra matt hydro-oil, with good harmonizing power. It is suitable for all timbers.

SolidOilNature is a natural effect hydro-oil with low gloss level, suitable for light timbers whenever a bleaching effect is required.

SolidOilLux is a glossy hydro-oil for all timbers.

Versions

XD 3000 SolidOil | XD 3094 SolidOilNature | XD 3070 SolidOilLux

Application fields

Raw wood floorings or restoration of already treated floorings.

Main features

These topcoats are made of urethane oils and offer excellent chemical and wear resistances higher than the conventional oil or wax treatment, available on the market. They are elastic, low in solvents and free from harmful substances for the user and the environment. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 5% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife or tap water.

Certifications or features of dry film in coating system: 3 coats SolidOil

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Non-yellowing urethane oils
Gloss level [gloss]	XD 3000/XD 3094 5 +/- 2 XD 3070 60 +/- 10	Viscosity [s]	(23°C; DIN4) XD 3000/XD 3094 16 +/- 5 (23°C; DIN4) XD 3070 25 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) XD 3000/XD 3094 17 +/- 5 (23°C; DIN4) XD 3070 27 +/- 5

Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m ²]	Min. 40; max. 80	Light foot traffic [hours]	XD 3000/XD 3094 4 XD 3070 16
Sandability of first coat [hours]	XD 3000/XD 3094 min. 4 XD 3070 24	Normal foot traffic [hours]	XD 3000/XD 3094 24 XD 3070 48
Drying time between coats [hours]	2-6	Livable [days]	XD 3000/XD 3094 2 XD 3070 5
Yield for two coats [m ² /L]	7-9		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 5% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with SolidLongLife or tap water. Wait at least 6 hours before sanding with 220-280 grit sandpaper or with mechanical system equipped with 320-360 grit sandpaper. Vacuum-clean, add 5% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 2-3 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 48 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply two or three coats of SolidOilNature following the application instructions, not to change the colour of light timbers. Apply three coats of SolidOil or SolidOilLux following the application instructions on dark timbers or to obtain a brightening effect of the wood.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidOilNature

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Immediately clean the tools after the use. Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDECK

XD 2000

THE OIL FOR EXTERIOR

For deckings, protected from weathering agents.



Mix it well before the use.



Application:
by brush or roller at more than 10°C



Yield per coat:
12-20 m²/L



Sandability:
after 12 hours



Foot traffic:
light 4 h
regular 72 h

CODE	PACK. L	COLOUR
XD 2000	5	TRANSPARENT



SOLIDECK

XD 2000

Description

SoliDeck is a water-based protective product for deckings, water-resistant and highly resistant to foot traffic.

Version

XD 2000 SoliDeck

Main features

This product boasts a great water and foot traffic resistance and it is very easy to be restored, thanks to emulsified oils and water-based resins contained inside the formula. Its special UV filters make the wood highly resistant outdoors.

Application method

Roller, brush with synthetic or mixed bristles.

Product preparation

Ready to use. If necessary, dilute up to 5% with water.

Certifications or features of dry film in coating system: 2 coats SoliDeck

- Complying with requirement of Ministerial Decree of 14 June 1989 No. 236 Art. 82.
- CATAS certificate of friction coefficient determination for floorings using METHOD B.C.R.A.

Chemical-physical features at 23°C

Look	Milky liquid	Specific weight [g/ml]	1,03 +/- 0,01
Colour	Orange	Chemical family	Hybrid acrylic
Gloss level [gloss]	20 ± 3	Viscosity [s]	(23°C; DIN6) 21 ± 3
pH	not specified		

Application features

Recommended coats	2	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 60; max. 80	Light foot traffic [hours]	24-48
Sandability of first coat [hours]	Min. 4	Normal foot traffic [hours]	24
Drying time between coats [hours]	4-24	Livable [days]	2
Yield for two coats [m²/L]	12-20		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 120-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate.

Application instructions

Mix well to homogenize every product settling on the bottom. Apply a coat of the product and let it dry off at least for 4 hours, up to 24 hours before applying the second coat. Intermediate sanding is not necessary. The treated surface can be trodden carefully after 24-48 hours. The ideal surface hardness is reached within a week.

Suggested coating systems

Apply two coats of SoliDeck.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

Sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished decking previously treated with SolidDeck

If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Immediately clean the tools after the use. Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDOILLUX

XD 3070

THE GLOSSY OIL

For the shiny cleaning of all wood floorings.
Certified in Class 1 of Reaction to Fire UNI 9796.



Mix it well before the use.
Add 5% of Solid2K hardener



Application:
by brush or roller at more than 10°C



Yield per coat:
10-15 m²/L



Sandability:
24 hours



Foot traffic:
48 hours

CODE	PACK. L	COLOUR
XD 3070	5	TRANSPARENT



SOLIDOILLUX

Description

SolidOil is a natural effect ultra matt hydro-oil, with good harmonizing power. It is suitable for all timbers.

SolidOilNature is a natural effect hydro-oil with low gloss level, suitable for light timbers whenever a bleaching effect is required.

SolidOilLux is a glossy hydro-oil for all timbers.

Versions

XD 3000 SolidOil | XD 3094 SolidOilNature | XD 3070 SolidOilLux

Application fields

Raw wood floorings or restoration of already treated floorings.

Main features

These topcoats are made from urethane oils and offer excellent chemical and wear resistances higher than the conventional oil or wax treatment, available on the market. They are elastic, low in solvents and free from harmful substances for the user and the environment. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

Application method

Roller, brush.

Product preparation

Catalyse the product at 5% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife or tap water.

Certifications or features of dry film in coating system: 3 coats SolidOil

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Non-yellowing urethane oils
Gloss level [gloss]	XD 3000/XD 3094 5 +/- 2 XD 3070 60 +/- 10	Viscosity [s]	(23°C; DIN4) XD 3000/XD 3094 16 +/- 5 (23°C; DIN4) XD 3070 25 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) XD 3000/XD 3094 17 +/- 5 (23°C; DIN4) XD 3070 27 +/- 5

Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m ²]	Min. 40; max. 80	Light foot traffic [hours]	XD 3000/XD 3094 4 XD 3070 16
Sandability of first coat [hours]	XD 3000/XD 3094 min. 4 XD 3070 24	Normal foot traffic [hours]	XD 3000/XD 3094 24 XD 3070 48
Drying time between coats [hours]	2-6	Livable [days]	XD 3000/XD 3094 2 XD 3070 5
Yield for two coats [m ² /L]	7-9		

Substrate preparation

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate.

Application instructions

Mix well to homogenize every product settling on the bottom. Add 5% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with SolidLongLife or tap water. Wait at least 6 hours before sanding with 220-280 grit sandpaper or with mechanical system equipped with 320-360 grit sandpaper. Vacuum-clean, add 5% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 2-3 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 48 hours from the application of the last coat before arranging furniture inside the treated space.

Catalysis

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

Suggested coating systems

Apply two or three coats of SolidOilNature following the application instructions, not to change the colour of light timbers. Apply three coats of SolidOil or SolidOilLux following the application instructions on dark timbers or to obtain a brightening effect of the wood.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

Already existing wood floorings

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

Cleaning of prefinished wood flooring previously treated with SolidOilNature

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

Tools cleaning

Immediately clean the tools after the use. Before the product dries, it can be removed from roller/brush with water.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDWAXCLASSIC

XD 4060

WAX FOR GLOSSY WOOD FLOORINGS

For bright effect protection of all wood floorings.



Ready to use



Application:
by cloth at more than 10°C



Yield per coat:
25 m²/L



Drying time:
90 minutes

CODE	PACK. L	COLOUR
XD 4060	5	TRANSPARENT

SOLIDWAXCLASSIC

XD 4060

Description

SolidWaxClassic is a wax for the maintenance of all wooden surfaces coated with Solid water-based products.

Version

XD 4060 SolidWaxClassic with glossy effect

Application fields

SolidWaxClassic is also suitable for the regular maintenance of wood floorings treated with glossy or semi-glossy water-based coatings of Solid range.

Main features

It is low in solvents and free from harmful substances for the user and the environment thanks to waxes in water emulsion contained inside the formula. It lends brightness and colour to the floor, delaying its degradation.

Application method

Cloth, fleece for floors.

Chemical-physical features at 23°C

Look	Yellowish liquid	pH	8 +/- 1
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Application instructions

- *For the daily regular treatment.* Clean the floor using SolidClean according to the TDS. The floor must be dry before applying the wax. Dilute SolidWaxClassic with tap water ratio 1:5 and apply it with a soft cloth soaked in product and then wrung out. Let it dry off. No rinsing or polishing required. Once dry, the floor can be trodden.
- *For the extraordinary treatment of worn surfaces.* Proceed as written above. Dilute SolidWaxClassic with tap water ratio 1:1 and apply it with fleece for floors or soft cloth soaked in product and then wrung out, carefully and evenly spreading the solution. Let it dry off. No rinsing or polishing required. After the drying wait at least 1 hours before treading the floor.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDWAXMAT

XD 4070

WAX FOR MATT WOOD FLOORINGS

For matt effect protection of all wood floorings.



Mix it well before the use.
Dilute with water ratio 1:1



Application:
by roller or cloth



Yield per coat:
40 m²/L



Foot traffic:
4 hours

CODE	PACK. L	COLOUR
XD 4070	1	TRANSPARENT



SOLIDWAXMAT

XD 4070

Description

SolidWaxMat is a wax for the maintenance of all wooden surfaces coated with products for matt wood floorings.

Version

XD 4070 SolidWaxMat with matt effect

Application fields

SolidWaxMat is also suitable for the regular maintenance of wood floorings treated with water-based matt, oily or zero gloss coatings of Solid range (SolidZero, SolidNature and SolidOil) and with oils or low gloss level products (less than 20 gloss) of the professional range.

Main features

It is low in solvents and free from harmful substances for the user and the environment thanks to oily resins and waxes in water emulsion contained inside the formula. It lends brightness and colour to the floor, delaying its degradation.

Application method

Roller, cloth, mop.

Product preparation

Catalyse the product at 5% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife or tap water.

Certifications or features of dry film in coating system: 3 coats SolidOil

Complying with requirements for high foot traffic according to following standards:

- Resistance to wear UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Chemical-physical features at 23°C

Look	Whitish liquid	pH	8 +/- 1
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Application instructions

- *For the daily regular treatment.* Clean the floor using SolidClean according to the TDS. The floor must be dry before applying the wax. Dilute SolidWaxMat with water ratio 1:1 and apply it with a soft cloth soaked in product and then wrung out. Let it dry off. No rinsing or polishing required. Once dry, the floor can be trodden.
- *For the extraordinary treatment of worn surfaces.* Proceed as written above. Use SolidWaxMat as it is and apply it with mop or soft cloth soaked in product and then wrung out, carefully and evenly spreading the solution. Let it dry off. No rinsing or polishing required. After the drying wait at least 1 hours before treading the floor.

Packaging

1 L plastic bottle.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLID2K

XD 5200

HARDENER

The hardener, boosting the coating performances.



CODE	PACK. L	COLOUR
XD 5200	0,5	TRANSPARENT



SOLID2K

XD 5200

Description

Solid2K is the hardener for Solid range water-based coatings for wood floorings.

Version

XD 5200 Solid2K

Application fields

Second component of Solid range water-based coatings both for interior and for exterior.

Main features

Made from non-yellowing aliphatic isocyanate resins, it generates a chemical reaction with the coatings resins, incredibly improving foot traffic resistance of the flooring and chemical-physical resistances of the treated surface.

Application method

See TDS of the products.

Product preparation

Ready to use.

Chemical-physical features at 23°C

Look	Transparent liquid	Colour	From transparent to lightly pale yellow
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Application instructions

Add the required quantity of Solid2K according to the TDS of the product while stirring and mix it vigorously for one minute.

Catalysis

Adding Solid2K hardener inside the product generates a chemical reaction. After that, the pot life of the catalysed product is max. 4 hours (3 during summertime). Read the specific TDS of the product before working.

Tools cleaning

Immediately clean the tools after the use. Solid2K can be easily removed, if still non-hardened, using solvents such as acetone.

Conservation

The product is reactive with moisture. Avoid prolonged exposure to the air by immediately and carefully closing the packaging after use.

Disposal

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

Packaging

0,5 L bottle.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and

temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.

SOLID FILLER

XD 5220

RESIN FOR FILLER

The binder for the preparation of fast-drying filler.



CODE	PACK. L	COLOUR
XD 5220	5 0,5	TRANSPARENT

SOLIDFILLER

XD 5220

Description

SolidFiller is a 1k binder, with high filling power, for wood floorings. It allows the preparation of wood powder mixture with fast sandability features.

Version

XD 5220 SolidFiller

Application fields

Suitable for the preparation of powder mixture from the sanding of raw wood for filling the wood flooring.

Application method

Spatula.

Product preparation

Prepare an even mixture combining SolidFiller with wood powder obtained from sanding the flooring to be treated.

Chemical-physical features at 23°C

Look	Opalescent liquid	Chemical family	Nitrocellulose
Colour	Yellowish (variable shade)	Viscosity [s]	(23°C; DIN4) 23 +/- 5
Specific weight [g/ml]	0,89 +/- 0,03		

Application features

Yield for two coats [m ² /L]	8 - 12	Sandability [hours]	Min. 1
Application temperature [°C]	From +10 to +35	Overcoating [hours]	Min. 1

Application instructions

Carefully sand the wood flooring (100 grit sandpaper then 150 grit is recommended). Collect the resulting wood powder and mix it with an adequate amount of SolidFiller until a dense, homogeneous mixture is obtained. For best results we recommend applying the filler in two coats. During the first coat the mixture will be more liquid and should penetrate deeply; subsequently apply a thicker, more powdery layer. Ventilate the room before sanding. Once dry (normally 1 hour), sand with fine sandpaper, then vacuum-clean the floor before coating it.

Application conditions

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.

Tools cleaning

The product can be removed by means of acetone or nitro thinner.

Disposal

The exceeding and unusable material must be collected and disposed of as special waste. Under no circumstances may they be disposed of as normal waste.

Personal safety measures

Avoid the skin contact by using latex, rubber or polyethylene gloves. Solvents contained inside the product are released into the air during the use. It is a good general practice to ventilate the room during the use.

Packagings

5 L jerrycan and 0,5 L bottle.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.



SOLIDLONGLIFE

XD 5250

RETARDING ADDITIVE

It improves the coating application.
It slows down the drying during summertime.



Compatible with all water-based products.
Quantity of use 5-15%

CODE	PACK. L	COLOUR
XD 5250	5	TRANSPARENT



SOLIDLONGLIFE

XD 5250

Description

SolidLongLife is a odourless thinner that slows down the drying of Solid water-based coatings for wood floorings.

Version

XD 5250 SolidLongLife

Application fields

Suitable for Solid water-based coatings both for exterior and for interior, especially used during summertime or in condition of low relative and wood humidity.

Main features

Non-toxic glycols for the health of users and for the environment are contained inside the water-based formula. It slows down the drying of products and makes their application easier.

Application method

See TDS of the products.

Product preparation

Ready to use.

Chemical-physical features at 23°C

Look	Transparent liquid
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Application instructions

Add the required quantity (between 5 and 20%) to the product and mix it vigorously for one minute. Then, add the hardener.

Packagings

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.

SOLIDREMOVE

XD 4020

STRONG DEGREASER

The dewaxing degreaser for professional use.
It can be used also on WPC and it prepares floorings for the sanding.



Dilution:
1:4



Application:
by cloth

CODE	PACK. L	COLOUR
XD 4020	2	TRANSPARENT

SOLIDREMOVE

XD 4020

Description

SolidRemove is a concentrated product for deeply degreasing and cleaning the coated surfaces and for removing the strongest dirt.

Version

XD 4020 SolidRemove strong degreaser

Application fields

To be used as dewaxer and for the preparation of floorings to be restored for the sanding.

Main features

Thanks to its high efficiency, it is suitable also for the application over exterior floorings, followed by the maintenance with SoliDeck.

Application method

Cloth.

Chemical-physical features at 23°C

pH	12,5 +/-1
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Application instructions

Prepare the solution in a suitable container according to the doses on the label (minimum dilution 1:4). Use a soft cloth to spread the solution evenly over the flooring and let it act for a few minutes without letting it dry. Use rubber gloves during use. Sweep the surface with a mop or single-disc machine to remove softened dirt residues and then rinse the flooring using a clean mop dampened with warm water until the foam formation is eliminated. Always rinse the treated surface. Before the use test always the adhesion of the coating and the colour stability. Do not use on hot surfaces or areas exposed to the sun.

Packaging

2 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDCLEAN

XD 4050

WATER-BASED NEUTRAL DETERGENT

For the lovely and regular maintenance of all wood floorings.



Ready to use



Application:
by cloth



Yield per coat:
10 m²/L



Storage:
at not less than 4°C

CODE	PACK. L	COLOUR
XD 4050	5	TRANSPARENT



SOLIDCLEAN

XD 4050

Description

SolidClean is a neutral detergent also for the regular cleaning of wooden surfaces treated with Solid water-based coatings for wood floorings.

Version

XD 4050 SolidClean

Application fields

Suitable for wood floorings previously treated with Solid coatings, both for interior and for exterior.

Main features

It is low in solvents thanks to its water-based formula. It is free from harmful substances for the health of users and for the environment. Gently remove the dirt without leaving spots or damaging the surface.

Application method

Cloth, fleece for floors.

Product preparation

Ready to use.

Chemical-physical features at 23°C

Look	Transparent liquid	pH	9 +/- 1
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Application instructions

For a regular daily treatment.

Apply SolidClean with a soft cloth soaked in product. Let it dry off. No rinsing required.

For the treatment of really dirty surfaces or treated with oils for exterior.

Apply SolidClean with brush, fleece for floors or soft cloth soaked in product, leaving the surface wet. Let it react for few minutes, then dry with a dry, clean and soft cloth, rinsing it in clean water to remove the collected dirt. Repeat the treatment to clean the entire surface. After that treatment it is possible to apply again oils if already used.

Packaging

5 L jerrycan.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



SOLIDSUPERCLEAN

XD 4010

WATER-BASED DETERGENT

It removes the strongest dirt. Effective also outdoors.



Ready to use



Application:
by cloth

CODE	PACK. L	COLOUR
XD 4010	0,75	TRANSPARENT



SOLIDSUPERCLEAN

XD 4010

Description

The product boasts a professional formula, but it is suitable also for the daily cleaning of domestic coated surfaces.

Version

XD 4010 SolidSuperClean water-based detergent

Application fields

To be used for cleaning coated or oiled wood floorings; suitable also for the cleaning of furniture and garden woodworks (e.g. garage doors, frames, shutters, garden furniture...).

Main features

Alkali-based product with high degreasing power. It removes smog and dirt without leaving spots.

Application method

Cloth.

Chemical-physical features at 23°C

pH	7,5 +/- 1
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Application instructions

Spray and apply with dampened cloth. Do not use on hot surfaces or areas exposed to sun. Always rinse the treated surface.

Packaging

750 ml bottle.

Storage

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

Packaging recycling

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.



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