

Intended use

Fast drying, water-borne 2K leather paint for smooth synthetic and real leather substrates that can be used for coating and repairing car seats, dashboards, door panels, centre consoles, add-on parts, etc. for interior and exterior use. Mipa WBC Binder 2K-Lederlack is tintable with Mipa WBC base tinters and thus provides a wide range of colours for the exact reproduction of different leather shades. Can also be used as transparent finish to increase the abrasion resistance, e.g. to prevent staining on clothes in case of intensive leather shades. Furthermore, Mipa Binder 2K-Lederlack can also be used as pure clearcoat on leather substrates. When applying on synthetic leather substrate, Mipa Binder 2K-Lederlack can be used as a 1K coating system without adding hardener.

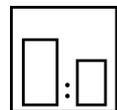
Spreading rate: 25,8 - 33,4 m²/l (for 10 µm DFT)

General informations



Colour

tintable with Mipa WBC base tinters



Mixing ratio

Hardener

Mipa WBC-Hardener

optional without hardener

by weight (lacquer : hardener)

5 : 1

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by volume (lacquer : hardener)

5 : 1

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Hardener

for complete paintwork

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for partial paintwork

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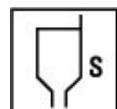
Pot life

3,5 h at 70 °F (20 °C)



Thinner

Mipa WBC-Thinner



Spray viscosity

Always stir in first the hardener in the basic paint and then thin with Mipa WBC-Thinner. Never add the water to the hardener. When applying without hardener as 1K-paint system, there is no need to add thinner.

gravity spray gun

18 - 22 s 4 mm DIN

Airmix/Airless

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Application mode

Application mode

HVLP (low pressure)

HVLP (low pressure)

HVLP / internal nozzle
pressure

Hardener

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**pressure
(bar)**

29 - 36 psi
(2 - 2,5 bar)

29 - 36 psi
(2 - 2,5 bar)

9,8 psi
(0,7 bar)

**nozzle
(mm)**

1,0 - 1,2

1,0 - 1,2

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**spray
passes**

1 - 3

1 - 3

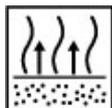
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**dilution
(%)**

10 - 20 %

10 - 20 %

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Flash-off time

5 - 8 min between coats

Dry coat thickness

Always apply very thin layers until full covering is achieved!



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
70 °F (20 °C)	10 - 20 min	25 - 35 min	–	–	1 h

Note

Storage:

In tightly closed original containers at least 1 year shelf life.
Storage temperature range 50 - 86°F (10 - 30 °C)
Protect package from direct sunlight and heat.

VOC Information:

VOC as packaged:
less exempt solvents 92 g/l / 0,8 lb/gl
with exempt solvents 92 g/l / 0,8 lb/gl

Always check local VOC laws to ensure that the use of Mipa products is compliant in your area.

Processing conditions:

from 50 °F (10 °C) and up to 80 % relative air humidity.
Ensure an adequate supply and exhaust air ventilation.

General informations:

Gloss level DIN EN ISO 2813 at 60° angle (Gloss units):

Mipa WBC Binder 2K-Lederlack seidenglänzend = 70 GU

Possible gloss levels when combining Mipa WBC Binder 2K-Lederlack semi gloss + Mipa WBC Binder 2K-Lederlack matt:

Mipa WBC Binder 2K-Lederlack semi gloss + Mipa WBC Binder 2K-Lederlack matt mixing ratio 10:1 by weight/ by volume = 45 GU

Mipa WBC Binder 2K-Lederlack seidenglänzend + Mipa WBC Binder 2K-Lederlack matt mixing ratio 5:1 by weight/ by volume = 25 GU

Mipa WBC Binder 2K-Lederlack matt = 10 GU

Substrate preparation:

Suitable substrates are smooth synthetic and real leather substrates. If necessary, check beforehand the recoatability of the leather substrate by doing a test application in an inconspicuous place and control subsequently the adhesion .

First clean with the vacuum cleaner and brush or blow the dirt off with oil-free compressed air. Ensure that careful cleaning also in pleats, gaps, wetting areas etc. Remove existing stains and/or impurities (e.g. juice / chocolate stains, mustard / ketchup residues etc.) thoroughly with warm soapy water using a cloth or brush. Before overcoating, make sure that the leather surfaces dry completely; residual moisture must be avoided at all costs.

Afterwards the used but also new leather substrates must be thoroughly degreased with Mipa Silikonentferner to remove substances that impair adhesion. New leather is often impregnated or pre-treated to make it dirt-repellent, which can lead to wetting and adhesion problems. Therefore a thorough degreasing is absolutely necessary.

In case of very smooth leather surfaces, it is necessary to dry sand with a fine sanding pad before coating.

Then remove the dust from the surface to be coated and degrease again using Mipa Silikonentferner.

1. Application of Mipa WBC Binder 2K-Lederlack tinted as topcoat in single-layer system

Preparing the ready-to-use mixture:

Please note that the binders must be well shaken or stirred before tinting and also later before processing in order to ensure a homogeneous and correct gloss level.

70 parts by weight Mipa WBC Binder 2K-Lederlack + 30 parts by weight Mipa WBC base tinter mixture in desired leather colour shade

This mixture + Mipa WBC-Härter mixing ratio 5 : 1 by weight/ by volume

Important: Always stir in first the hardener in the basic paint and then thin with Mipa WBC-Verdünnung.

Never add the water to the hardener.

Adjust the spray viscosity of this mixture with hardener by adding t 10 - 20 % Mipa WBC-Thinner.

Note: When using this product as 1K-paint system, there is no need to add hardener or thinner.

Application:

Apply on damaged surfaces only very thin, even and flowing paint layers until full coverage is achieved. Too high a paint film thickness leads to brittleness of the leather surfaces and increases the risk of adhesion problems.

Observe an intermediate flash-off of approx. 5-8 minutes between coats.
Alternatively, the area to be repaired can be carefully warmed up with a hair dryer to reduce the intermediate flash-off times.

In doing so, void overheating the leather or freshly painted surfaces.

To ensure that the colour transition from the old leather to the repair area is as homogeneous as possible, the coating must always be applied in such a way that it overlaps the previous coating and blends into the old leather area.

In the case of full-surface coating of leather substrates, where no attention must be paid to colour matching, blending is not necessary.

In this case, apply thin coats over the entire surface until full coverage is achieved. Too high film thickness leads to brittleness of the leather surfaces and increases the risk of adhesion problems.

Observe an intermediate flash-off of approx. 5- 8 minutes between coats.
Alternatively, the area to be repaired can be carefully warmed up with a hair dryer to reduce the intermediate flash-off times.

In doing so, void overheating the leather or freshly painted surfaces.

2. Application of Mipa WBC Binder 2K-Lederlack tinted as topcoat + colourless finish in two-layer system

In order to improve additionally the abrasion resistance especially of leather surfaces with intensive colour shades, Mipa WBC Binder 2K-Lederlack undyed can be applied as colourless finish.

In this case, the topcoat must be applied as described above. After a minimum flash-off time of about 1 hour at room temperature, apply 1 - 2 thin coats of Mipa WBC Binder 2K-Lederlack undyed.

Preparing the ready-to-use mixture Mipa WBC Binder 2K-Lederlack undyed:

Mipa WBC Binder 2K-Lederlack + Mipa WBC-Hardener mixing ratio 5 : 1 by weight/
by volume

Important: Always stir in first the hardener in the basic paint and then thin with Mipa WBC-Thinner. Never add the water to the hardener.

Adjust the spray viscosity of this mixture with hardener by adding t 10 - 20 % Mipa WBC-Thinner.

Note: When using this product as 1K-paint system, there is no need to add hardener or thinner.

3. Application of Mipa WBC Binder 2K-Lederlack undyed as clearcoat:

For full-surface clear coating on leather substrates, apply 1 - 3 thin coats, depending on the absorbency of the leather and / or the desired gloss level (the more clearcoat layers the higher the gloss level). Too high a paint film thickness leads to brittleness of the leather surfaces and increases the risk of adhesion problems.

Observe an intermediate flash-off of approx. 5 - 8 minutes between coats. Alternatively, the area to be repaired can be carefully warmed up with a hair dryer to reduce the intermediate flash-off times. In doing so, void overheating the leather or freshly painted surfaces.

Note: When using this product as 1K-paint system, there is no need to add hardener or thinner.

Safety aspect:

For professional use only. Not for sale to or use by the general public. Before opening the packages be sure you understand the warning Messages on the Labels and Safety Data Sheets of all components since the mixture will have the hazards of all of its parts. The manufacturer recommends the use of an air supplied Respirator when exposed to vapors or spray mist.

Medical Response:

Emergency Medical or Spill Control Information 011 49(0)700 24112112 (MIP)
US Emergency Phone Number (for transportation incidents only) 1-800-535-5053
(Infotrac)

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