

Peelable Paint.
Made in Germany.

CARDIP®



Version 5.22

CARDIP® peelable paint spray films Product range 2022

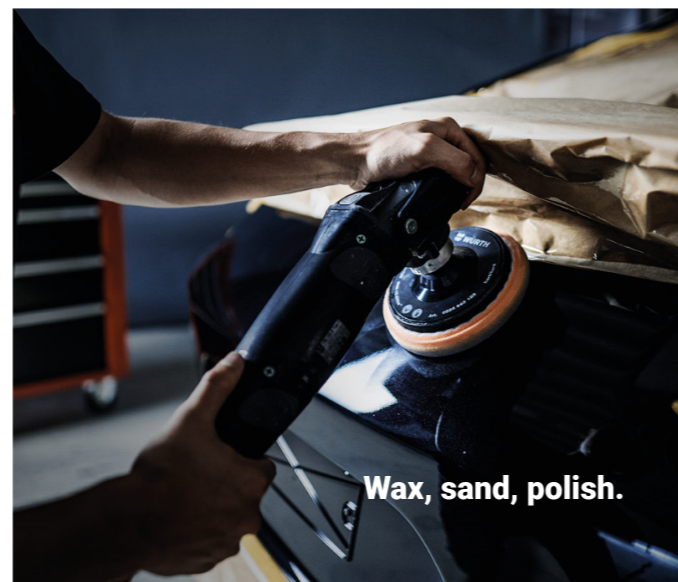
Films and paint - united.

The peelable paint.

CARDIP® combines the advantages of classic vinyl adhesive films with the high quality and precision of a paint finish.

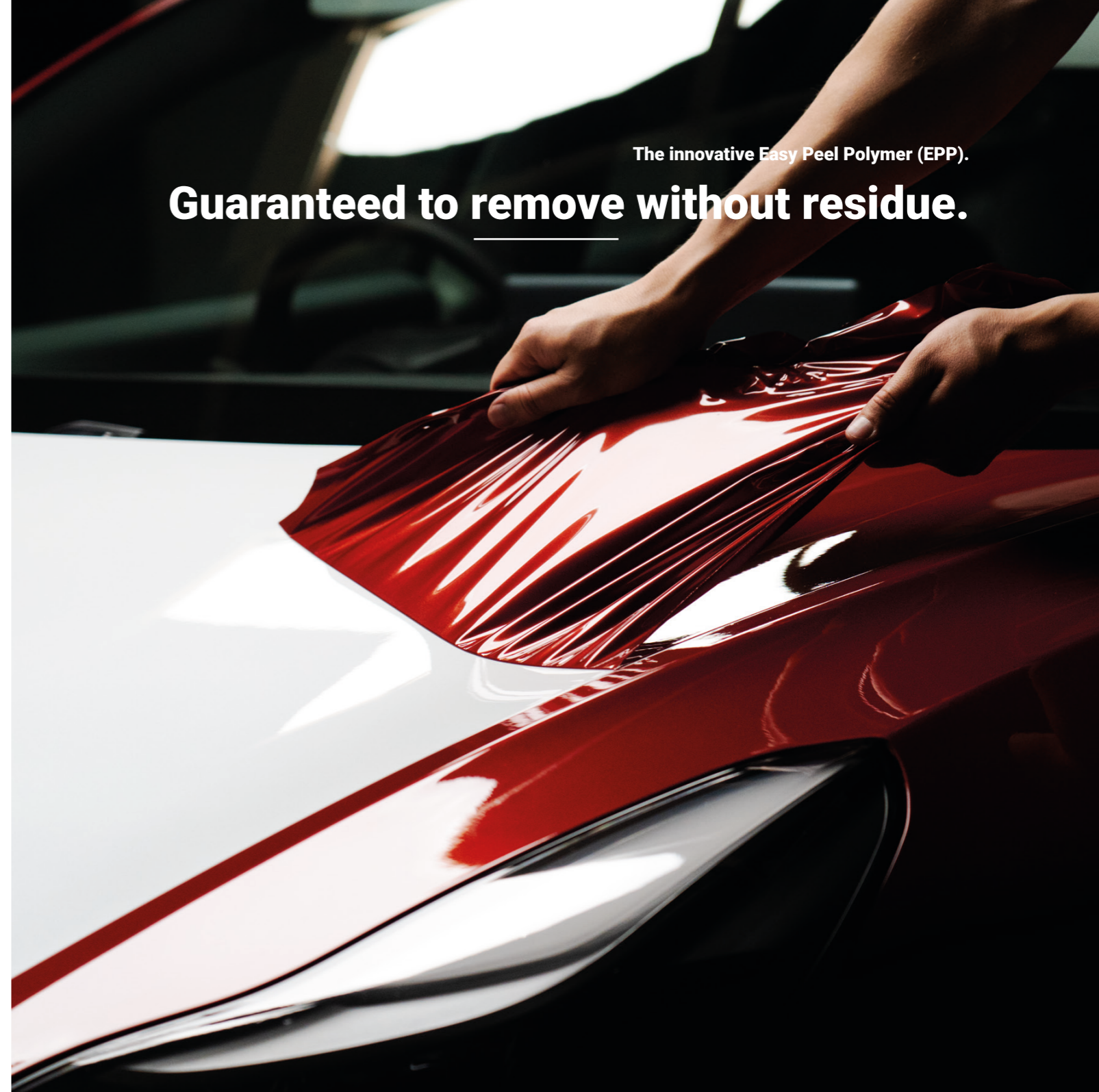
The innovative products and the patented multi-layer process make it possible to produce robust and long-lasting film coatings using the paint process.

High-yield, efficient, economical - developed for professional use in paint business.



The innovative Easy Peel Polymer (EPP).

Guaranteed to remove without residue.



X No adhesive
or knife

5 Years
Durability*



The CARDIP® peelable paint adheres by adhesion to the structure of the original paint and can be removed easily even after years of use without leaving any residue. Due to the particularly high layer thickness of up to 250µm, the spray film protects the original paint from scratches, weathering and even stone chips with a tested stone chip resistance of over 90%, according to DIN EN ISO 20567-1.

* On daily vehicle, measured at 50,000 km mileage in Central Europe.



The patented Multi-Layer-Process™

The patented CARDIP® Multi-Layer-Process™ has been specially developed for automotive applications and is based on the combination of innovative polymers with modern automotive coatings.

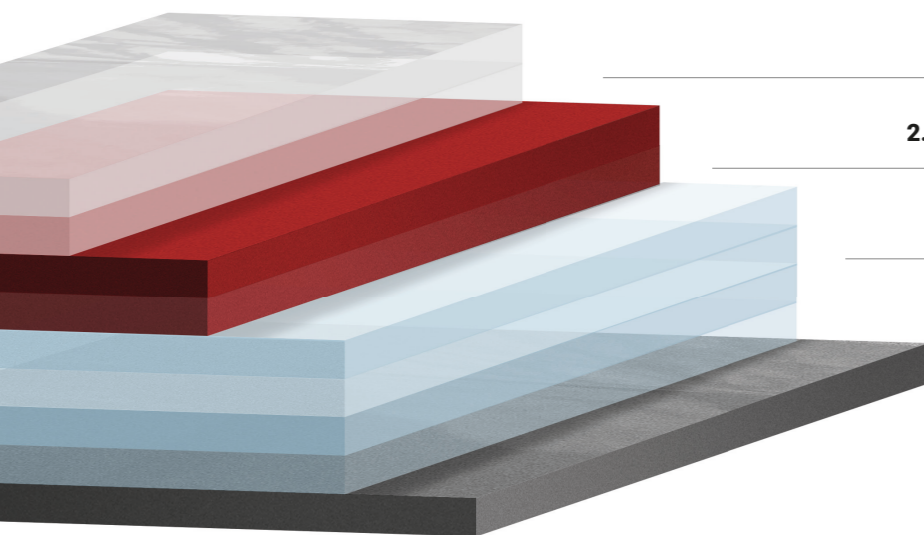
At the heart of the process is the claim to combine a peelable film coating with the highest quality standards and the properties of an automotive paint - without compromise.

The water-based CARDIP® peelable paint is applied in conventional painting processes in several layers that combine to form an extremely stable and permanently elastic film.

The user can choose whether the spray film is applied pure, for a highly transparent coating for pure protection against stone chips, scratches and weathering, or whether the spray film is colored with water-based automotive paints for any conceivable color effect.

Total film thickness
~ 200-250 µm

Dry film thickness
~ 40 µm per layer



3. 2K HS ClearCoat (Matte / Highgloss)

2. Optional: Overpaint with water-based paint

1. Aqua+ BaseCoat (Pure = Clear)

0. OEM Paint

The CARDIP 2K HS ClearCoats - optionally in matte or highgloss - ensure chemical and mechanical resistance of the film, exactly like a modern paint finish.

 Wax, sand, polish.

 Unlimited color range

 Frost and cold-resistant

 Temperature-resistant

 Fuel-resistant

 Water-based

 Paint protection according to DIN EN ISO 20567-1

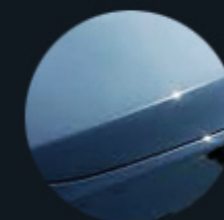
 LOW VOC FORMULA

 EASY PEEL POLYMER

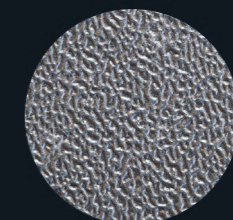
Suitable for any surface.



Chrome & metal



Paint & coatings



Plastics

The CARDIP® peelable paint system can be applied to any solid and non-absorbent substrate. In addition to the body itself, it allows the coating / „wrapping“ of almost any component on the vehicle.

These include, for example, wheel rims, trim (chrome, metal, plastic), radiator grilles, metal, chrome and plastic trim, painted and raw plastics, structural plastic, headlights and taillights (ABS) and glass.

Art.-No.: 77015080

Aqua+ BaseCoat 5080



The innovative Aqua+ BaseCoat 5080 is the core of the CARDIP® peelable paint system and the basis of the patented Multi-Layer Process™. The specially developed high-end polymer combines the function of a vinyl film with the properties and quality standards of a modern automotive paint. The BaseCoat can either be applied pure in 4 coats to achieve a transparent protective film (option 1), or overcoated with water-based paint to achieve a colored protective film (option 2). The BaseCoat is adjusted with Reducer 500 and sealed with Clearcoats 8080/8091.



Container sizes: 1,0 kg - 20 pcs./PU | 5,0 kg - 4 pcs./PU



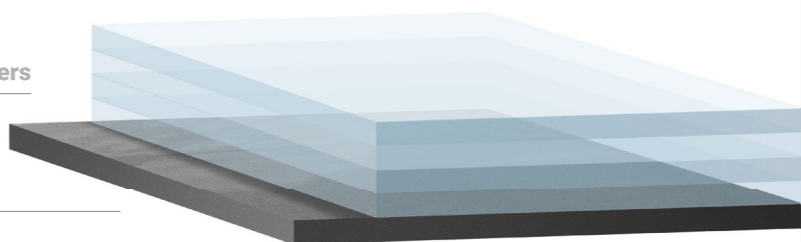
Gun nozzle
RP/HVLP ~1,2 mm
1,7 Bar / 25 psi

Flash-off time
15min at 25 °C

Option 1 Paint protection film (PPS).

1. Aqua+ BaseCoat (Pure = Clear) 4 layers

0. OEM Paint

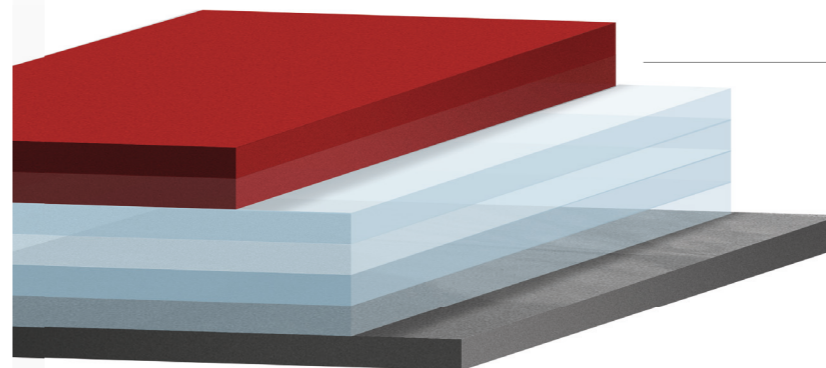


To build up a clear paint protection film, the Aqua+ BaseCoat is applied in 4 layers and then sealed with the ClearCoat in matt or high gloss. The number of layers is unlimited - due to the high dry film thickness of 40µm per layer, even in the standard version with 4 layers of BaseCoat and 2 layers of ClearCoat a layer thickness of up to 200µm can be achieved. This makes the film not only permanently stable and robust, but also reliably protects the the underlying paint from stone chipping and mechanical impact.

Stone impact resistance according to DIN EN ISO 20567-1: over 90% protection against stone impacts.

Option 2

Colored film: Overpaint with water-based paint.



2. Optional: Overpaint with water-based paint

1. Aqua+ BaseCoat (Pure = Clear)

4 layers

HIGH BUILD PRODUCT

Dry film thickness: ~ 40 µm per layer

The Aqua+ BaseCoat 5080 can be overpainted with water-based automotive paints and thus makes it possible to produce any color effect in the form of a film that can be removed without leaving any residue. In principle, any waterborne paint can be used. The following systems from the leading paint manufacturers are particularly suitable:



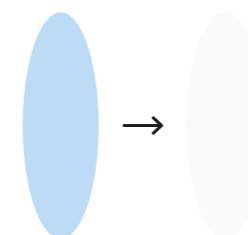
Permahyd® Hi-TEC Base Coat 480 Standoblue ENVIROBASE® REIHE 90 AQUABASE PLUS AUTOWAVE

Use of solvent-based coatings only with addition of CARDIP Elastosol Additive 404.

★ Special Product-Feature

Visibility+ Marker

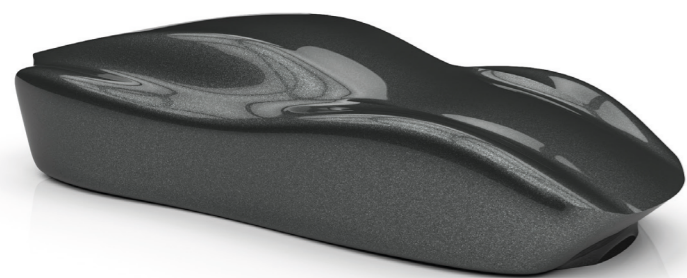
A light-blue built-in marking agent simplifies the application of the clear spray film and evaporates as it flashes off.



Technical Datasheet



Technical Instructions



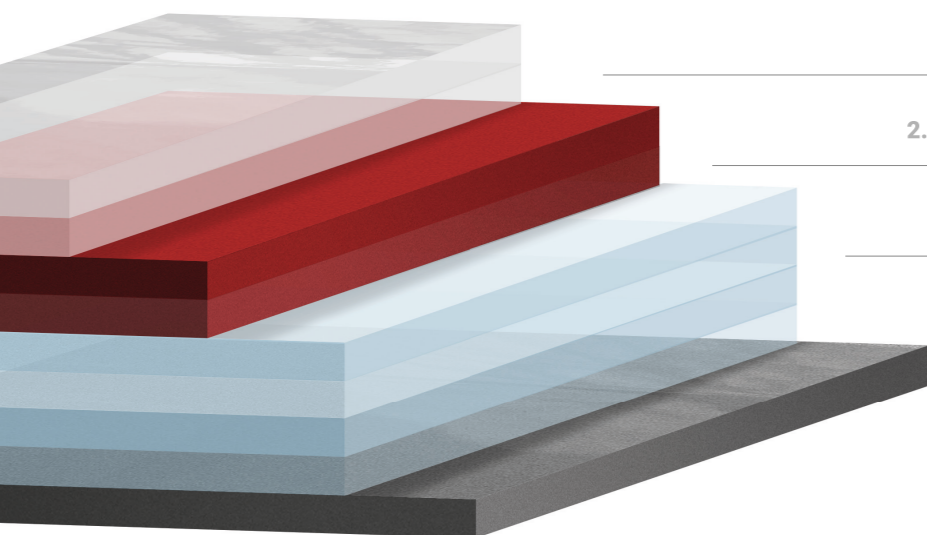
Art.-No.: 77018080

UltraGloss 2K HS ClearCoat 8080



CARDIP 2K UltraGloss HS ClearCoat is a permanently elastic and high-gloss 2K high-solid clearcoat for the CARDIP® peelable paint film system. It is processed like a conventional clearcoat and can be sanded and polished when cured. The clearcoat achieves a very high gloss level and runs like a conventional, modern clearcoat. The special feature of this special clearcoat is a true-to-paint feel and clear reflections with very easy processing and enormous standing strength. The peelable paint coatings sealed with the 2K UltraGloss clearcoat can be permanently cleaned in the automatic car wash and also reconditioned by detailing. The clearcoat is 2:1 crosslinked with Hardener 8071 and reduced with Thinner 850.

Container sizes per set: 1,0L - 18 pcs. / PU | 3,0L - 6 pcs. / PU



3. UltraGloss 2K HS ClearCoat 8080

2. Optional: Overpaint with water-based paint

1. Aqua+ BaseCoat (Pure = Clear)

0. OEM Paint



Technical Datasheet



Technical Instructions



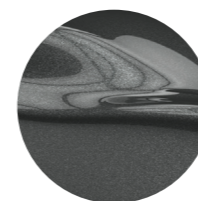
Gun nozzle
RP ~1,3 mm
1,8 Bar / 26 psi



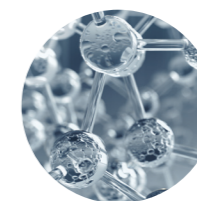
Drying
12h at 24 °C /
40min at 50 °C



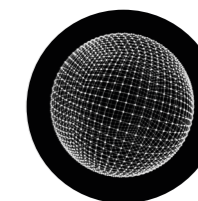
Real application example: complete coating with CARDIP® peelable paint film in black metallic with high-gloss finish.



True high gloss with extremely good flow



Extra-stable high-solids formulation



Highest mechanical and chemical resistance

★ Special Product-Feature



Sandable and polishable

The UltraGloss 2K HS ClearCoat is permanently elastic and at the same time hard on the surface, so that after the application a usual lacquer finish can be carried out by sanding and polishing to achieve the best possible result.



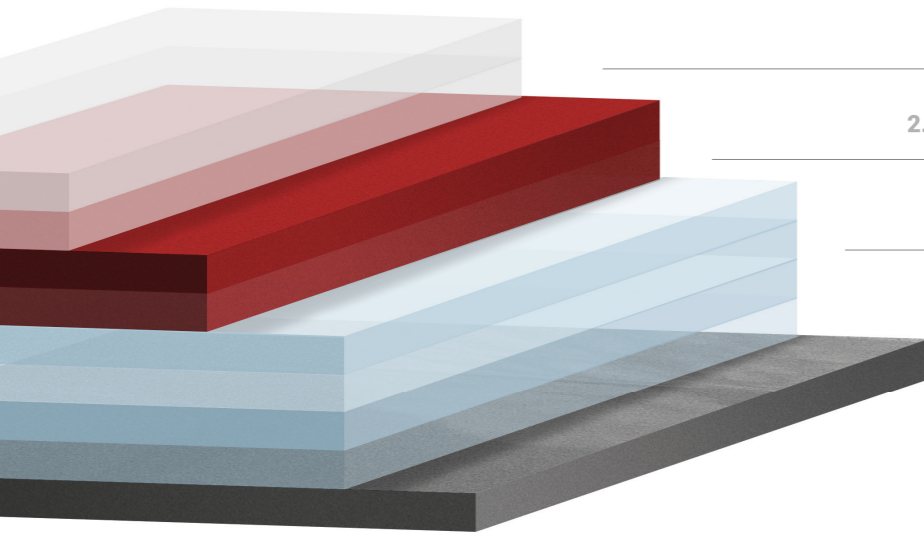
Art.-No.: 77018091

Matte 2K HS ClearCoat 8091



The CARDIP Matte 2K HS ClearCoat is a permanently elastic, matte 2-component HS clearcoat for the CARDIP® peelable paint system. It is processed like a conventional matte clearcoat and is hard and scratch-resistant when cured. The product achieves a smooth and uniform matt finish as known from OEM/factory paints, while at the same time providing the highest color and effect depth. The special feature of this special clearcoat is its flow quality and high mechanical resistance. The peelable paint coatings sealed with the 2K clearcoat can be permanently cleaned in the automatic car wash despite the matt finish. The clearcoat is 2:1 crosslinked with Hardener 8071 and reduced with Thinner 850.

Container sizes per set: 1,0L - 6 pcs. / PU



3. Matte 2K HS ClearCoat 8091

2. Optional: Overpaint with water-based paint

1. Aqua+ BaseCoat (Pure = Clear)

0. OEM Paint



Gun nozzle
RP ~1,3 mm
1,8 Bar / 26 psi



Drying
12h at 24 °C /
40min at 50 °C



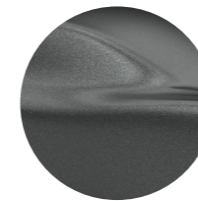
Technical Datasheet



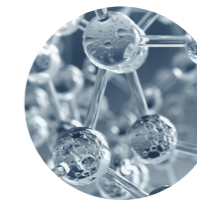
Technical Instructions



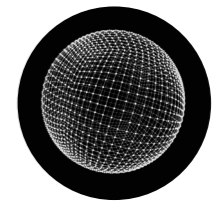
Real application example: complete coating with CARDIP® peelable paint film in black metallic with matte finish.



Finish in genuine matte as ex factory



Extra-stable high-solids formulation



Highest mechanical and chemical resistance

★ **Special Product-Feature**



Suitable for automatic car wash

The Matte 2K HS ClearCoat can be permanently cleaned in the automatic car wash despite its matt finish, without any change in gloss level or a „specky“ effect on edges.

CARDIP® Additional Products



Art.-No.: 7701101

CARDIP® ETA-Cleaner 101

The Aqua+ ETA-Cleaner 101 is a special pre-cleaner and degreaser with antistatic effect for the CARDIP peelable paint system. The product is recommended for cleaning and degreasing of all surfaces immediately before coating with Aqua+ BaseCoat 5080 to avoid possible incompatibility with general cleaners such as water cleaners or oil-based silicone removers. It reliably removes dirt and grease from the surface and also has an antistatic effect on plastics. The depth effect also increases the adhesion of Aqua+ BaseCoat 5080. The product can also be used for classic painting / bonding.

Container sizes: 1,0 L | 20 pcs. / PU



Art.-No.: 7701500

CARDIP® Reducer 500

The Aqua+ Reducer 500 is the thinner for Aqua+ BaseCoat 5080. It must be added to Aqua+ BaseCoat 5080 to achieve a sprayable viscosity. The product is also used as a universal reducer additive for waterborne coatings.

Container sizes: 0,5L - 10 pcs. / PU | 1,0 L - 20 pcs. / PU



Art.-No.: 77018071

CARDIP® 2K HS Hardener 8071

The 2K HS Hardener 8071 is a slow, highly functional, universal HDI crosslinker for the 2K HS clear coats UltraGloss 8080, as well as Matte 8091 of the CARDIP® peelable paint system. The specially developed hardener helps the clear coats to achieve high weather stability, especially in terms of UV exposure and chemical resistance to organic and inorganic contamination.

Container sizes: 0,5L - 10 pcs. / PU | 1,0L - 18 pcs. / PU



Art.-No.: 7701404

CARDIP® Elastisol Additive 404

The Elastisol Additive 404 is a special additive for elasticizing solventborne 1K coatings. It is used when the Aqua+ BaseCoat 5080 is to be overcoated with a solventborne 1K coating. It increases the elasticity of the dried paint film and thus improves the peelability of the entire film. It also adapts the elasticity to that of the underlying Aqua+ BaseCoat 5080 and thus prevents stress cracks and chipping.

Container sizes: 0,5L - 10 pcs. / PU



Art.-No.: 7701600

CARDIP® Aqua+ Color 600

Water-based paint in any color for overpainting CARDIP Aqua+ BaseCoat 5080. Viscosity adjustable with Aqua+ Reducer 500.

Container sizes: 0,25L | 0,5L | 1,0L



Art.-No.: 7701850

CARDIP® Thinner Slow 850

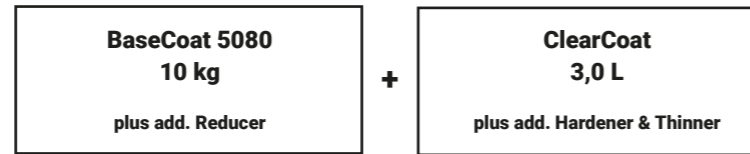
CARDIP Thinner Slow 850 is a slow special thinner for the clear coats UltraGloss 8080 and Matte 8091 of the CARDIP system.

Container sizes: 1,0L - 18 pcs. / PU

Materialverbrauchsübersicht






Please note: The actual material consumption values depend, among other things, on the variant of the spray film (clear PPS or colored) as well as on the condition and construction of the vehicle, type of spray gun and the extent of the coating. The values given here are only guide values.

Material calculation basic rule



= 1 Large size car -OR- 2 Small size cars -OR- 4 Front ends

Aqua+ BaseCoat 5080 plus add. Reducer 500
 1,0 kg = Coverage of approx. 2,0m² - finally build with 4 layers

| Component A | | | | |
|---|---|---|--|---|
| 1 kg | 2 - 3 kg | 5 - 7 kg | 8 - 10 kg | 10 - 15 kg |
| ClearCoat UltraGloss 8080 / Matte 8091 plus add. Hardener 8071 & Thinner 850 | | | | |
| Component A | | | | |
| 0,5 L | 1,0 L | 2,0 - 3,0 L | 3,0 - 4,0 L | 4,0 - 5,0 L |
|  |  |  |  |  |
| Single parts (e.g. roof) | Front end (e.g. paint protection) | Small size (e.g. A1, Mini, Polo) | Mid-size Compacts / Sedan (e.g. A4, C-Class) | Large Size Wagon / SUVs (e.g. A8, S-Class, X5) |
| 1,0 m ² | 3,0 m ² | 7,0 m ² | 10,0 m ² | 15,0 m ² |

What's next?

CARDIP® as a supplier or cooperation partner.

For inquiries about our products and the process, as well as for initial orders, please contact our central sales department.

Order products

As a professional you can order all CARDIP® products directly from the manufacturer, by mail or by phone. Request the current price list now:

Central sales department
 +49 7066 - 96 59 - 400
sales@cardip.de

www.cardip.com/shop

Partner program

For painting businesses, CARDIP® offers a partner program with special conditions and further services. Request further information now:

Business / PCA
 +49 7066 - 96 59 - 363
partner@cardip.de

www.cardip.com

Distribution / Trade

Wholesalers and specialized dealers have the possibility to include CARDIP® products in their trade program. Request further information now:

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partner@cardip.de

www.cardip.com



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