SprayMax Technology - Made in Germany

The evolution of the spray can technology began in the 1920s. Initially only registered as a patent, it first enjoyed widespread use from 1945 onwards. The start of the paint spray can era was the work of Peter Kwasny, who recognised this brilliant idea of spraying from a can in the USA in 1956 and developed the idea further so that lacquers could be sprayed. This saw the start of the production of spray lacquers and lacquer pens in automobile colours.

"Auto-K" was and still is the epitome of simple and fast paintwork repairs on cars. The term "Paint workshop in a can" has made its mark in professional circles. Since then, the company Peter Kwasny GmbH, which was founded in 1964, has played a significant role in the rapid development of the paint spray field for several decades.

At the end of the 90s, a milestone was set in paint spray technology, which again significantly changed the paint spray world: the launch of the patented spray lacquer system "SprayMax" - a revolutionary invention. This innovative aerosol technology combines the mobility and flexibility of a spray paint can with the application properties of a professional spray gun.

The SprayMax program initially kicked off with individual products but now comprises a complete painting system, the SprayMax PaintRepair System. All the products, colours and applications required for professional paint repair work are available in the SprayMax range.

The result: the innovative SprayMax Technology - Made in Germany.

Once again, the company Peter Kwasny GmbH has underscored its position as the innovation and technology leader in the market for paint spray cans and taken new paths in the market – worldwide.

More information at www.spraymax.com

SprayMax benefits

- Unique paint spray can technology, including 2-component technology
- Car repair paints or original paints of other paint systems
- Fast and cost-effective paintwork repairs for minor damage
- Diverse application fields (e.g. cars, commercial vehicles, industry, trade)
- The whole painting process can be performed with SprayMax aerosols
- Professional painting results compared to a spray gun
- Not dependent on one particular work environment, SprayMax is mobile and flexible
- Not dependent on painting cabins, spray guns, compressors and connections
- No tooling or cleaning time required
- Satisfies the future VOC*-standards

* VOC = Volatile Organic Compound(s) = General collective term used for volatile organic compounds in a paint
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SprayMax is a professional spray can filled with original paints from automotive paint manufacturers. All painting steps outlined only refer to the use of aerosol cans.

SprayMax aerosol technology is based on two components:

1. SprayMax spraying and application technology featuring broad-jet atomization, high paint output quantities, constant spraying pressure (until the aerosol is completely empty) as well as even layer application, and minimal overspray.

2. Tested and approved original paints for a perfect painting result in combination with SprayMax technology.

**Key features of SprayMax technology**

- Innovative nozzle, valve and propellant technology
- High output quantity, fast working speed, broad-jet atomization
- 1K and 2K technology
- Professional painting results compared to a spray gun

**Comparison of spray patterns**

**A paint spray can changes the painting world**

The benchmark in the professional painting world is the result achieved with a pneumatic spray gun. Up to a few years ago, no one believed paint spray cans could match the properties of pneumatic tools, as spray cans were seen as DIY articles. The market started developing alternative and cost-effective repair methods for which the suitable paint repair system was lacking – and this is where the patented SprayMax aerosol technology came into its own. Its years of success in the car paintwork repair field have allowed this revolutionary technology to gradually take over other painting applications. SprayMax achieves painting results that can hold their own with results achieved in paint workshops.

The core of our system is the revolutionary and multiple-patented SprayMax aerosol technology that produces a paint finish comparable to a spray gun. The combination of our special propellant formula and innovative spray head and valve technology produces a wide-angle spray similar to a spray gun, but with much less overspray resulting in excellent transfer efficiency.
**2K Technology**

**Definition SprayMax 2-Component technology**

- SprayMax 2-component technology means 2 components, paint and hardener, in one spray aerosol
- The hardener is integrated in a separate container
- The hardener is activated or released with the push of a button and mixed with the paint material
- The SprayMax 2K technology guarantees highest product and work quality just like with a spray gun in a paint shop

**2K instructions for use**

1. Check the item.
   Make sure that you have the right product. If the wrong product is accidentally activated, the aerosol will be useless if it is not subsequently used until the potlife.

2. Thoroughly shake the aerosol for two minutes before from once you hear the agitator balls in the aerosol hitting off each other.

3. Remove the red push button from the cap and place on the pin in the bottom of the aerosol without tilting it. Place the aerosol on a stable, horizontal surface with the cap pointing downwards.

4. Activate the aerosol.
   Prime the aerosol by applying even, vertical pressure. Listen for a clicking noise. Please press just once.

5. Dispose of the red button in the trash so that you can tell activated aerosols from non-activated ones if using more than one aerosol.

6. Write the date and time of activation on the label.
   The pot life specified in the Technical Data Sheets applies at an ambient temperature of 20°C. The pot life will vary depending on the ambient temperature. Lower temperatures will extend the potlife, while higher temperatures will reduce it.

7. Thoroughly shake the aerosol for two minutes to properly mix the activator with the paint.

8. Perform a trial spray and check the product. When performing your trial spray, check whether the aerosol is spraying cleanly and evenly. For colour aerosols, check the colour.

9. Clean the valve.
   When you are finished working you must empty the valve with the spray head pointing downwards. Spray until only propellant leaves the nozzle.
SprayMax can equipment

Variator spray nozzle
Spray nozzle can be steplessly adjusted horizontally, vertically and with regard to the size of the spray pattern (less overspray, less consumption, less masking work or follow-up work required).

Transparent cap
Replaces the coloured cap and allows the user to see the colour code ring.

Colour code ring
Firmly fixed to the can (no risk of confusion e.g. as in the past when the coloured cap was lost or accidentally swapped).

New colour code system
The SprayMax products are sorted into groups to match the processing steps and are also been colour coded (better overview / less risk of confusion / better arrangement of storage in the paint room).

Processing information / pictograms
The processing steps and the technical data are shown as pictograms directly on the label (faster overview of the technical data, as a supplement to the online technical information sheet).
State of the market

Spot-Repair, Smart-Repair, Clever-Repair, Paint-Repair?

The hottest catch phrases in automotive paint repairs over the last few years have been ‘spot repair’ and, most recently, ‘smart repair’. Spot repair describes a method where only the immediate site of the damage is repaired. Lately, this term has come to cover many cosmetic repairs and various other kinds of repairs (to car seats, dashboards etc.). Even though this market clearly displays worthwhile potential, spot repairs mostly remain the domain of newcomers to the market.

Our core competence is the production of professional aerosols that facilitate quick and easy, yet professional, paint repairs. SprayMax allows you to carry out small paint repairs at low cost.

With the SprayMax PaintRepair system, you can target customers who, in many cases, wouldn’t bother with a conventional paint repair job because of the cost involved.

The consequence: The customer drives away, not wanting to have to pay for an expensive paint job - you lose a potential sale.

SprayMax aerosols are ideal for small to medium paint repair jobs on "visible" objects or large areas, for example bumpers and side panels.

Furthermore SprayMax makes possible the bodywork subject enterprises extend your business fields by the area of paintwork and commercialize small damage repair as a new service.

Our solution: SprayMax PaintRepair.

Application area

Up to 50% savings on process costs in comparison with a spray gun using the SprayMax PaintRepair System

Area A:
A paint repair job using SprayMax is perfect in this area.

Area B:
A paint repair job using SprayMax is possible in this area depending on requirements and the experience of the repairer.

Area C:
A paint repair job using SprayMax is not practical in this area.

Source: Allianz Zentrum für Technik GmbH - Division Motor Vehicle Technology
Perfect Coating at low Process Costs

- **Blending Clear**
  - e.g. Clear coat

- **Sealers**
  - FillClean® / Fill In System

- **Filler**
  - e.g. AC-Primerfiller

- **Body filler**
  - e.g. Body filler

- **Primer**
  - e.g. Ant-Corrosion primer, Epoxy primer filler

- **Pre-Treatment**
  - e.g. Silicon remover, Antistatic spray, Plastic adhesion promoter

**Clear coats and spot-blenders**
**Top coats**
**Basecoats and top coats**
**Fillers**
**Body filler**
**Primers / fillers**
**Surface preparation**
# Surface preparation

## Antistatic spray

<table>
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<tr>
<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| 680 096 transparent | Special spray to reduce electrostatic charging of plastic surfaces to eliminate the adhesion of dust, dust inclusions and fluff particles. The excellent deep-cleaning effect removes all substances that impair adhesion and, at the same time, improves the adhesion properties. However, it is no substitute for the cleaning effect of a silicon remover. | • Eliminates electrostatic charging  
• Deep-cleaning effect  
• Improves the adhesion properties for the application of the paint  
• First rate yields thanks to even application  
• Antistatic effect lasts for approx. 40 minutes, then the process needs to be repeated |

### Application

1. Spray pass  
2. Wipe with a dry & clean cloth  
3. Grey grinding pad

### Advantages

- Strong cleaning and degreasing effect
- Increases adhesion
- Maximum yield
- Uniform distribution
- One light, thin spray is all you need
- High penetration depth on plastic parts

## Silicon remover

<table>
<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
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</thead>
</table>
| 680 090 transparent | Rich in active ingredients, mild cleaning agent for the efficient removal of silicone, grease, oil, wax, dirt, tar, and soot. This high quality silicone remover has excellent cleaning and degreasing properties and improves the adhesion to any paint coat. The product is used for the application of solvent-based paints. | • Strong cleaning and degreasing effect  
• Increases adhesion  
• Maximum yield  
• Uniform distribution  
• One light, thin spray is all you need  
• High penetration depth on plastic parts |

### Application

1. Light spray pass  
2. Wipe with a dry & clean cloth

## Aqua silicon remover

<table>
<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| 680 094 transparent | Water-borne cleaning agent, rich in active ingredients and with a reduced solvent content. Ideal for the removal of silicone, grease, oil, wax, dirt, tar, and soot. This high quality product improves the adhesion to any paint coat and reduces the electrostatic effect. High cleaning and degreasing properties. The product is used for the application of waterborne basecoats. | • Strong cleaning and degreasing effect  
• Increases adhesion  
• Maximum yield  
• Uniform distribution  
• One light, thin spray is all you need  
• Reduces electrostatic effect |

### Application

1. Light spray pass  
2. Wipe with a dry & clean cloth
Surface preparation

Plastic adhesion promoter

**Art.No. / Color**: 680 009 light silver

**Application**: Ideal adhesion promoter for subsequent coatings on most plastics (see Technical Data Sheet).

**Advantages**
- One light, thin, and even uniform spray is all you need
- Excellent adhesion properties
- Dries very quickly
- Can be painted over after just 10 minutes
- Maximum flexibility and yield
- Colourless, with silver pigments

<table>
<thead>
<tr>
<th>Spray Pass</th>
<th>Flash Off Time</th>
<th>Overcoatable</th>
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<tbody>
<tr>
<td>1</td>
<td>2 - 3 min</td>
<td>10 min / 20°C</td>
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<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
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<tbody>
<tr>
<td>680 095</td>
<td>250 ml</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
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</thead>
<tbody>
<tr>
<td>684 098</td>
<td>Special water-based aqua-adhesion agent (adhesion primer) for repairing polycarbonate headlamp lenses. Forms an ideal surface for subsequent protective coating with 2K headlamp clearcoat Art.No. 684 066.</td>
</tr>
</tbody>
</table>

**Advantages**
- Special product for pre-treatment of the plastic headlamp lenses
- Excellent adhesion properties
- High elasticity
- Fast drying
- Does not impair transparency
- The subsequent headlamp clearcoat offers very good protection against stone impacts and scratches
- Also available as a set (684 099) or as a repair case (680 486)

<table>
<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>680 095</td>
<td>Special cleaning for effective cleaning of spray guns. Can be used universally for 1K solvent-based and 1K water-based paints and for unhardened 2K paints. The short and long nozzles allow residual-free cleaning of the paint gun without having to dismantle it. Ideally suited for fast cleaning of the Variator spray head.</td>
</tr>
</tbody>
</table>

**Advantages**
- Cleans spray guns that are soiled with both solvent-based and also water-based paints
- Fast cleaning completely free of residues thanks to the solvent power
- Optionally with a short or long nozzle
- Spray gun can be cleaned overhead without being dismantled
- Cleans the Variator spray head
- Improved cleaning effect thanks to spray can pressure
- Dosed distribution
### 1K Anti-Corrosion primer

<table>
<thead>
<tr>
<th>Art.No / Color</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| 680 001 red brown | Corrosion protection primer with very good adhesion properties. Suitable for bare, sanded and unsanded surfaces. Cannot be retouched with polyester materials. | • Excellent corrosion protection  
• Very good adhesion  
• Welding test certificate: "repels" welding beads  
• Can also be used on paint coatings |

### 1K Primer filler - Primer Shade

<table>
<thead>
<tr>
<th>Art.No / Color</th>
<th>Application</th>
<th>Advantages</th>
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</thead>
</table>
| 680 271 white | Recommended for repairing small damaged areas / spot repairs and painting parts, as an anti-corrosion primer or primer surfer. Suitable surfaces: Steel, galvanised steel, aluminium, GRP, hardened old paint, spare part primer, polyester surfaces. (Do not coat with polyester or EP-products). | • Can be used on all metal surfaces  
• Excellent adhesion, high anti-corrosion protection  
• High filling capacity  
• Can be used variably, either as a primer or surfer  
• Available in various levels of brightness (to match the brightness of the base coat/top coat)  
• Can be painted over with water-based or solvent paints  
• Wet-on-wet processing possible  
• Smooth flow properties, fast drying  
• Easy to sand  
• Ideal for spot repairs (especially on sanded-through areas)  
• Less paint needed thanks to optimised structure and optimised process times |
1K Rapid primer filler

**Art.No / Color**
680 015  grey

**Application**
Fast-drying primer and filler for a high layer structure. Can be used for most plastics and directly on metal; particularly suited for spot repairs and sanded-through areas. High layer thicknesses are combined with fast drying and good sanding properties.

**Advantages**
- Universal primer for steel, galvanised steel and various plastics
- High filling capacity and creeping strength
- Extremely fast drying
- Excellent flow and sanding properties
- Good adhesion
- Can be painted over with all standard basecoats and top coats

2K Wash primer

**Art.No / Color**
680 029  olive-grey

**Application**
2 component primer for fast insulation of sanded-through areas as part of car repair paintwork. For cleaned and sanded surfaces such as steel, aluminium, hardened surfaces, 2K surfacer compounds and old paintwork.

**Advantages**
- Very good adhesion
- Excellent anti-corrosion protection, in particular on aluminium
- Fast process times thanks to fine atomisation with minimum overspray
- Fast drying
- Can be painted over with all standard 1K and 2K acrylic fillers
- (Do not overcoat with water-based paints or 2K epoxy primer surfacers. Do not overcoat with 2K UP putties.)

2K Rapid primer filler

**Art.No / Color**
680 031  grey

**Application**
Universal, quick-drying 2K primer for high-quality automotive paint jobs. Ideal for partial paint jobs and spot repairs.

**Advantages**
- Free from isocyanates and resistant to solvents
- Quick drying (1 hour at 20°C)
- Very good sandability (can be wet- and dry-sanded at 20°C)
- High filling capacity (up to 120 μm)
- Excellent adhesion, including on bare sheet and galvanized surfaces as well as existing sanded paint finishes
- Can be painted over with all conventional 1K basecoat and 2K topcoat systems
**2K Express primer filler**

**Art.No / Color**
- 680 039 grey

**Application**
Universal high-filling and fast-drying 2K primer-filler. Highly suited for top-quality spot-repairs of filled areas and areas sanded through to the metal surface.

**Advantages**
- Very high layer thicknesses
- Very fast drying
- Very easy to sand
- With corrosion protection
- High mechanical resistance
- High weather resistance

**Art.No / Color**
- 680 032 beige
- 680 033 grey
- 680 034 black

**Application**
Universal 2K epoxy primer filler for all problematic surfaces, for example metal, non-ferrous metal, galvanized sheet steel, or anodized aluminium.

**Advantages**
- Excellent adhesion and corrosion protection properties, including on critical surfaces such as aluminium
- Long processing time: approx. 4 working days at 20°C
- Excellent full curing and very smooth flow
- Outstanding isolating effect, in particular against infiltration by water
- Can be painted over with all conventional 1K basecoat and 2K topcoat systems, as well as levelled over with polyester materials

**2K Primer surfacer**

**Art.No / Color**
- 680 305 white
- 680 311 grey approximates RAL 7035

**Application**
Universal adhesion base for most metallic surfaces. Very good adhesive properties as a corrosion protection primer. All standard 1K and 2K bonding agent systems, NC, artificial resin, PUR, epoxy etc. can be used as top coats. Preferred application fields are wind turbines, construction machines, constructions and many more.

**Advantages**
- Universal bonding primer
- Excellent corrosion protection
- Can be painted over universally, without sanding
Body filler is used to compensate very small grooves, residual areas of unevenness after filling work has been completed, sanding marks and corrugations. Thanks to the excellent durability properties, high layer thicknesses can be created in just a few spray coats. The body filler has excellent adhesion and filling properties.

### Advantages
- High filling and durability properties
- Fast drying and good sanding properties
- Good adhesion to the surface

<table>
<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
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</thead>
<tbody>
<tr>
<td>680 016 grey</td>
<td>Body filler is used to compensate very small grooves, residual areas of unevenness after filling work has been completed, sanding marks and corrugations. Thanks to the excellent durability properties, high layer thicknesses can be created in just a few spray coats. The body filler has excellent adhesion and filling properties.</td>
</tr>
</tbody>
</table>

**Spray passes**
- 2 spray passes each 40 - 45 μm

**Flash off time**
- 5 min

**Dry time**
- 30 min / 20° P400 - P500
Fillers

1K AC Primerfiller

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<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| 680 280 light grey | Acrylic filler with good stability, faster drying and excellent dry-sanding properties. Ideal for spot repairs. Can be used on steel, galvanised steel, aluminium and various plastics. | • Excellent filling properties  
• Good stability  
• Excellent dry-sanding properties  
• Can be painted over with all standard 1K base coats and 2K top coat systems; especially suitable for water-based paints |

2K Acrylic filler

<table>
<thead>
<tr>
<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
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</table>
| 680 035 white | Professional very fast-drying filler with excellent filling capacity, outstanding flow, and very effective isolation for old paint jobs. Can be used for middle surfaces. Preprime large sanded-through spots, for example using filler primer. | • High layer thickness and very good pore filling  
• Very good flow  
• Maximum mechanical strength  
• Very good isolating effect  
• Very good, easy sandability  
• Dries very quickly, ideally suited to IR drying  
• Can be used as a wet-on-wet filler  
• Can be painted over with all conventional 1K base coats and 2K topcoat systems, particularly suited to water-borne basecoats |

2K High build primer

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<tr>
<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
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</table>
| 680 030 grey | Universal, high-viscosity 2K thick filler for professional levelling out of unevenness on sanded-through spots or primed surfaces. | • High filling volume of up to 120μm (with interim drying)  
• Outstanding painting surface  
• Excellent sandability  
• Good flow  
• Very good adhesion  
• Maximum resistance to solvents and weathering |
2K Wet-on-wet filler

Art.No. / Color: 680 038 grey

Application:
Ideal for further coating new KTL (cathodic dip painting) primed parts without sanding first. The subsequent coats can be applied without intermediate sanding and after only a flash off time - applies for all basecoats and top coats.

Advantages:
• Can be processed using the wet-on-wet method
• Very good adhesion and flow properties
• Highly recommended for large surfaces
• New KTL (cathodic dip painting) parts do not need to be sanded first
• No intermediate sanding required

Guide coat

Art.No. / Color: 680 100 black

Application:
The product stands out thanks to the fine dispersion which creates a thin, homogenous and powdery coat with very good sanding properties. This improves the efficacy of the sanding process and the paint results.

Advantages:
• Fine homogenous mist
• Even, thin wetting of surface
• Powder-like with good sanding properties
**FillClean® Aerosol Filling Machine**

**Art.No.** 990 245

**Application**
FillClean is a pneumatic aerosol filling machine for refillable Kwasny aerosols, for solvent- and water-borne based paint of automotive paint manufacturers.

**Included in delivery**
- FillClean Filling Machine
- FillClean Filling Cylinder with integrated cap remover

**Advantages**
- Easy to operate
- No cleaning and no waste
- Non-toxic to health and skin
- Space-saving and simplifies the task at hand
- Compliant with VOC regulations
- Simple and reliable in use
- Low investment costs
- Added benefit through colour indication on the cap
- Every desired tone can be filled in the nuance of choice

**FillClean® Filling Machine - Technical data**
- Pneumatic operating principle
- Diameter 132 mm
- Height 366 mm
- Door height 123 mm
- Unladen weight 4 kg
- Total weight 4,23 kg
- Filling cylinder Diameter 135 mm
  Height 65 mm
- Capacity 100 ml
- Filling pressure 7-9 bar/100-130 psi
- Breaking point 60 bar/approx. 870 psi
- Usage temperature +5°C until +50°C
  (+41 until +122 degrees F)

**Note**
An important technical modification has been performed on the FillClean filling device. An original colour tone can only be filled using the inserted filling pad. The new FillClean filling device has been equipped with the corresponding safety mechanism.

You will find further information on using the FillClean filler in our FillClean brochure (article no.: 992 305) or our FillClean instructions for use.

**FillClean® fixing plate**

**Art.No. / VE** 990 242

**Application**
The FillClean fixing plate serves the simple and fault-free attachment and guidance of the pressure hose thereby guaranteeing safe and precise filling of the original colour tone. Furthermore, the stability of the FillClean device is improved by the fixing plate.
**Basecoats and top coats**

### FillClean® cap set

<table>
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<tr>
<th>Art.No. / VE</th>
<th>Application</th>
<th>VE</th>
</tr>
</thead>
<tbody>
<tr>
<td>990 246</td>
<td>The FillClean cap set allows filling of SprayMax 2K Fill In for 2K solvent-based top coats and 1K Fill In cans.</td>
<td>6</td>
</tr>
</tbody>
</table>

### FillClean® 250ml filling adapter

<table>
<thead>
<tr>
<th>Art.No. / VE</th>
<th>Application</th>
<th>VE</th>
</tr>
</thead>
<tbody>
<tr>
<td>990 014</td>
<td>The FillClean filling adapter is used when filling 250ml cans to ensure the smaller can stands stably during filling.</td>
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</table>

### FillClean® compressor

<table>
<thead>
<tr>
<th>Art.No. / VE</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| 685 300      | Mobile 12 V air compressor with a max. pressure of 10 bar. This can be connected to the cigarette lighter in the car. | - Flexible and mobile  
- Enough pressure reserve (10 bar) for secure filling of FillClean cans  
- Fast filling |
For the colour tone specific filling with water-borne based 1K paints in the brand and quality of the paint manufacturers named below. The result is a ready to use SprayMax 1K paint spray can with a water-borne based paint in the required colour tone. The very highest product quality and results are guaranteed. The very highest product and result quality are guaranteed. The SprayMax FillClean / Fill In can has its own paint-specific formulation and is therefore ideally tuned to the respective paint systems of the various paint manufacturers on the market.
## Basecoats and top coats

### 1K FillClean® / Fill In for 1K water-borne basecoats

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product</th>
<th>Series A</th>
<th>Series B</th>
<th>Series C</th>
<th>Series D</th>
<th>Series E</th>
<th>Product Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>De Beer</td>
<td>Series 900 Waterbase</td>
<td></td>
<td></td>
<td>682077</td>
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<td>DuPont Refinish</td>
<td>Cromax</td>
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Art.-No. for FillClean® model
**FillClean®**

**1K FillClean® for 1K solvent basecoats**

For the colour tone specific filling with solvent-based 1K basecoats in the brand and quality of the paint manufacturers named below or other solvent-based paint systems. The result is a ready to use SprayMax 1K paint spray can with a 1K solvent basecoat in the required colour tone. The very highest product quality and results are guaranteed.

**1K FillClean® / Fill In for 1K solvent basecoats**
### 1K FillClean® / Fill In for 1K solvent basecoats

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product</th>
<th>Series A</th>
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Art.-No. for FillClean® model
2K Fill In for 2K solvent-based top coats

For the colour tone specific filling with solvent-based 2K top coats in the brand and quality of the paint manufacturers named below. The result is a ready to use SprayMax 2K paint spray can with a 2K solvent-based top coat in the required colour tone.

The very highest product quality and results are guaranteed. The cleaning-free cap is required to fill the 2K Fill In for 2K solvent-based top coats with the new FillClean filling device. The set of 6 caps should be ordered at the same time (Art.No. 990 246). The pot-life and processing time of the final product vary depending on the manufacturer and product.

The compatibility of the FillClean / Fill In paint spray cans with those paint systems available in the market is continuously optimised and expanded thanks to the fact that Kwasny works closely with the paint manufacturers. The current overviews are available at www.spraymax.com.
# Basecoats and top coats

## 2K Fill In for 2K solvent-based top coats

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product</th>
<th>Series E</th>
<th>Series F</th>
<th>Series G</th>
<th>Series G 250ml</th>
<th>Series H</th>
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## Medium Solid

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1K Plastics spray

**Application**
Special product for optimum top coating of a plastic object in the original plastic colour. This product should only be used on plastics pre-treated with SprayMax 1K Plastic adhesion promoter.

**Advantages**
- Maximum flexibility
- Exact colour matching
- Easy to use
- Dries quickly
- High coverage
- High yield and high resistance to abrasion

<table>
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Other colour tones available on request

Structure paint

**Application**
Special product for imitation of automotive plastic textured surfaces, particularly for plastic bumpers. Various structural finishes available.

**Advantages**
- Choice of structural finishes
- Easy to use
- Dries very quickly
- Can be painted over with all conventional 1K basecoat and 2K topcoat systems

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<td>680 013 transparent course</td>
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<tr>
<td>680 180 black medium</td>
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2 - 3 spray passes each 10 - 15 μm
20 μm dry time
2 coats of 20 - 25 min
Top coats (Ready Mix)

1K Top coat

Application
For high-quality topcoat paint jobs and spot repairs on cars and motorcycles.

Advantages
• Easy to use
• High yield
• Excellent coverage thanks to high non-volatile matter content
• Dries quickly
• Very good flow
• High gloss
• Very good polish ability

1K Top coat CV

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<th>Gloss degree</th>
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<td>680 120</td>
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Other colour tones available on request

680 160  Renault Rouge Pompier  (artificial resin base)

1K Top coat RAL

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Other colour tones available on request
# Top coats (Ready Mix)

## 1K Wheel spray

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<th>Art.No. / Color</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| 680 040 silver  | Strong, high-yield rim spray for new and used rims. | • High coverage  
• Quick and easy to use  
• Dries quickly  
• Resistant to stone impact, road salt, and brake dust |

## 2K Acrylic top coat RAL

<table>
<thead>
<tr>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
</table>
| For high-quality topcoating and spot repairs to high-end car and motorcycle paint jobs as well as for commercial vehicle paint jobs. | • Long-term resistance to weathering, chemicals and petrol  
• Very smooth flow  
• Lasting high gloss  
• High yield  
• Excellent coverage thanks to high solid body content  
• Outstanding painting surface |

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<th>Art.No.:</th>
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<td>on demand</td>
<td>RAL 9005</td>
<td>deep black</td>
<td>satin gloss</td>
</tr>
<tr>
<td>on demand</td>
<td>RAL 9005</td>
<td>deep black</td>
<td>matt</td>
</tr>
</tbody>
</table>

Other colour tones available on request or filled as 2K Fill In for 2K solvent-based top coats.
Clear coats and spot-blenders

1K Clear coat

Art.No. / Color | Application | Advantages
--- | --- | ---
680 050 transparent | 1K clear coat for quick coating and long-term sealing of repair paint jobs and new paint jobs on cars and motorcycles. | • Easy to use  
• Dries quickly  
• High gloss level (Art.No.: 680 051)  
• No colour deviation  
• Good weathering resistance  
• Very good flow  
• Very good polish ability

Advantages  

2K Clear coat

Art.No. / Color | Application | Advantages
--- | --- | ---
680 061 transparent | 2K clear coat with very high chemical, gasoline, and weathering resistance for high-quality and longterm sealing of repair paint jobs and new paint jobs on cars and motorcycles. | • Maximum resistance to abrasion and scratching  
• Very smooth flow  
• Lasting high gloss  
• Very good polish ability  
• No colour deviation  
• Outstanding painting surface  
• Suitable even at higher ambient temperatures  
• Ideally suited for large surfaces

Advantages  

2K Rapid clear coat

Art.No. / Color | Application | Advantages
--- | --- | ---
250 ml 684 064 transparent | 2K clear coat with very short drying time and very high chemical, gasoline and weathering resistance for high quality and longterm sealing of repair paint jobs and new paint jobs on cars and motorcycles. Ideally suited to spot repairs. | • Dries very quickly  
• Very smooth flow  
• Lasting high gloss  
• Maximum resistance to abrasion and scratching  
• No colour deviation  
• Outstanding painting surface  
• Very good polish ability  
• Suitable even at lower ambient temperatures  
• Ideally suited for small surfaces

Advantages  

Art.No. / Color | Art.Nr. / Color
--- | ---
680 050 transparent | 680 050 transparent
680 051 transparent | 680 061 transparent
250 ml 684 064 transparent

1 - 2 spray passes each 10 - 15 μm  
Flash off time:  
10 - 15 min / 20°C  
12 h / 20°C  
40 min / 60°C  
IR approx. 7 min

2 spray passes each 15 - 20 μm  
Flash off time:  
5 min / 20°C  
IR approx. 15 min  
Potlife:  
14h / 20°C

1 - 3 spray passes each 10 - 15 μm  
Flash off time:  
5 - 10 min / 20°C  
12 h / 20°C  
60 min / 60°C  
IR approx. 6 - 7 min

2 spray passes each 15 - 20 μm  
Flash off time:  
5 min / 20°C  
IR approx. 10 min  
Potlife:  
54h / 20°C
Clear coats and spot-blenders

2K Headlight clear coat

**Art.No. / Color**
684 066 transparent

**Application**
Special 2K clear coat for subsequent protective coating of polycarbonate lenses that have been pretreated with headlamp primer. Highly transparent, light-fast and weather-resistant clear coat. Improves resistance to new damage.

**Advantages**
- Ideally matched to the headlamp primer (Art.No. 684 098, see page 11)
- Seals the repaired surface
- Offers added protection against new damage
- Lends the lens a new shine
- Also available as a set (684 099) or as a repair case (680 486)

2 - 3 very light spray passes
12 h / 20°C
IR approx. 15 min

Blender clear

**Art.No. / Color**
680 092 transparent

**Application**
Blender clear is a special product for homogenous paint transitions in the blending area of 1K/2K clear coats as well as of 2K topcoats with very good blending results. The blender clear is used immediately after the clear-/topcoat is applied.

**Advantages**
- Seamless edge transitions in the blending area
- Very good solving ability
- No colour deviations
- Dries to a glossy finish
- Does not need to be polished and therefore very good finish results
- Ideal for repair paint jobs and spot repairs

2 - 3 very light spray passes
10 min at room temp.
IR approx. 15 min

Blender thinner

**Art.No. / Color**
680 093 transparent

**Application**
Blend thinner is a special product for homogenous paint transitions in the blending area of 1K/2K clear coats as well as of 2K topcoats with outstanding blending results. The blender thinner is used immediately after the clear-/topcoat is applied.

**Advantages**
- Seamless edge transitions in the blending area
- Superior solving ability
- No colour deviations
- Dries to a matt finish, must be polished
- Specially for polishing
- Can be polished without edges
- Ideal for repair paint jobs and spot repairs

2 - 3 very light spray passes
10 min at room temp.
IR approx. 15 min
**Accessories**

### Aerosol hand-grip

**Art.No.**
- 746 200
- 746 202

**Application**
Aerosol hand-grip for easy handling when painting with SprayMax or other aerosol products. The handle enables you to paint difficult-to-access areas, for example the inner edges of the door step area.

**Advantages**
- Easy to use and makes your work easier
- Increases painting accuracy
- Does not influence or disrupt the spray pattern
- Comparable to painting with a paint spray gun

### Variator Set / Box

**Art.No. / VE**
- 746 204 Variator Set
  VE = 6
- 746 205 Variator Box
  VE = 150

**Application**
The spray head is used for various SprayMax products and serves to optimise the spray jet for the surface being processed. The Variator can steplessly change the spray direction (horizontal – vertical) and also the spray jet width from small to large.

The Variator is only suitable for the SprayMax system, not for other spray cans.

It is possible to use the spray head several times. In this case, it needs to be cleaned with the SprayMax gun cleaner.

### Headlight repairs

**Art.No. / VE**
- 680 486
- 684 099

**Headlight repair case:**
- 1x 400 ml Silicon remover
- 1x 400 ml Aqua silicon remover
- 1x 400 ml Antistatic spray
- 1x 250 ml Headlight sealer
- 2x 250 ml Headlight clear coat
- 1x box with sandpaper (respectively 3 x P180,P240,P320,P600,P800 and respectively 2x P1000, P2000,P4000)

**Headlight repair set:**
- 1x 250 ml Headlight sealer
- 1x 250 ml Headlight clear coat
The new SprayMax PaintRepair System is a complete and harmonized painting system for professional paint repair jobs consisting of three modules:

(1) SprayMax PaintRepair case
(2) SprayMax FillClean System
(3) SprayMax Mini Mixing System

SprayMax aerosols replicate the entire painting process in full and produce results comparable to an OEM’s initial coat. The SprayMax PaintRepair System is recognized by automobile and paint manufacturers. The centrepiece of the PaintRepair system is the component that provides the colour: mixing of the original car colours found on the market is performed by the existing mixing systems, whether stationary or mobile. The fillable SprayMax aerosols are perfectly harmonized with the product systems of the respective paint manufacturers.

The SprayMax PaintRepair case is available in two versions:

A BASIC version containing SprayMax 1K products and a PREMIUM version additionally containing SprayMax 2K products for the highest quality requirements and increased aerosol consumption. Both PaintRepair cases ensure optimum painting preparation thanks to their specific primers, fillers and cleaning products. Specific 2K and 1K clear coats guarantee a perfect finish quality and blending clears are provided for homogenous transitions in the blending area.

A pre-filled Kwasny 1K FillClean aerosol or 2K Fill In aerosol is filled with mixed paints (water-borne or solvent-based basecoat) that have been mixed either using a large, stationary mixing bank or the mobile SprayMax Mini Mixing System.

The SprayMax Mini Mixing System works with all original car colours on the market or any other desired colour matching the brand and quality of a specific paint manufacturer. Thanks to FillClean, this is now easier, quicker, and more efficient.

The unique no-clean and no-waste FillClean filling system permits easy filling of FillClean aerosols, with perfect results every time. The cap used in the filling process has an additional benefit: the cap from Kwasny FillClean aerosols is used in the filling cylinder, where it ensures messfree colour metering. The filling pad on the cap is pressed down during the filling process and the residual paint left on the cap indicates the colour of the paint in the aerosol. The 2K Fill In for 2K solvent-based topcoats can now also be filled with the no-clean FillClean machine using the FillClean cap set available separately (Art.No.: 990 246).
The PaintRepair Mini Mixing System is used everywhere whether there are no stationary mixers or where mobility is important.

This means it is not only suitable for paint shops but it is also ideal for car body specialists who are seeking to expand their business activities to include "painting".

The SprayMax PaintRepair Mini Mixing system contains all components required for exact colour tone mixtures of water-based paints or all components that are required to fill SprayMax FillClean cans:

Water-based paints in little colour bottles, a colour tone range card, electronic precision scales, a colour tone software tuned to the PaintRepair Mini Mixing System and useful accessories, such as e.g. a colour mixer, colour mixing beaker, stirring stick etc.

Benefits of the SprayMax PaintRepair system:

- More than 50% process cost savings compared to conventional paints
- VOC-conform in accordance with the EU Directive
- SprayMax paints are original paints from the paint manufacturers
- Cooperation with leading car repair paint manufacturers
- Painting results can compete with the original factory paintwork

### 1K PaintRepair Case BASIC

**Art.No.: 680 490**

1. SprayMax Silicon remover  
   Art.No.: 680 090
2. SprayMax 1K Plastic adhesion promoter, Art.No.: 680 009
3. SprayMax 1K Ant-Corrosion primer, red brown,  
   Art.No.: 680 001
4. SprayMax 1K AC Primerfiller, light grey, Art.No.: 680 280
5. SprayMax 1K Primer filler - Primer Shade, dark grey,  
   Art.No.: 680 276
6. SprayMax Guide coat, black  
   Art.No.: 680 100
7. SprayMax 1K Clear coat  
   Art.No.: 680 051
8. SprayMax Blender clear  
   Art.No.: 680 092

- instruction for use
- application video on CD

### 2K PaintRepair Case PREMIUM

**Art.No.: 680 491**

1. SprayMax Silicon remover  
   Art.No.: 680 090
2. SprayMax 1K Plastic adhesion promoter, Art.No.: 680 009
3. SprayMax 1K Primer filler - Primer Shade, dark grey,  
   Art.No.: 680 276
4. SprayMax 2K Rapid primer filler grey, Art.No.: 680 031
5. SprayMax 2K Epoxy primer filler, beige, Art.No.: 680 032
6. SprayMax Guide coat, black  
   Art.No.: 680 100
7. SprayMax 2K Clear coat  
   Art.No.: 680 061
8. SprayMax Blender clear  
   Art.No.: 680 092

- instruction for use
- application video on CD
SprayMax Product-Range

Surface preparation

Antistatic spray, 680 096

Silicon remover, 680 090

Aqua silicon remover, 680 094

Plastic adhesion promoter, 680 009

Headlight sealer, 684 098

Gun cleaner, 680 095

Primer / fillers

1K Ant-Corrosion primer, 680 001

1K Primer filler - Primer Shade, 680 271*

1K Rapid primer filler, 680 015

2K Wash primer, 680 029

2K Rapid primer filler, 680 031

2K Express primer filler, 680 039

2K Epoxy primer filler, 680 032*

2K Primer surfacer, 680 305*

Body filler

Body filler, 680 016

Fillers

1K AC-Primerfiller, 680 280*

2K Acrylic filler, 680 035*

2K High build primer, 680 030

2K Wet-on-wet filler, 680 038

Guide Coat, 680 100
### SprayMax Product-Range

#### Clear coats and spot-blenders

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Flash off Time</th>
<th>Drying</th>
<th>Sanding</th>
<th>Potlife</th>
<th>Cleaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1K Clear coat, 680 050</strong>*</td>
<td>1 - 3 spray passes each 10 - 15 μm</td>
<td>5 - 10 min / 20°C</td>
<td>12 h / 20°C</td>
<td>60 min / 60°C</td>
<td>7 min</td>
<td></td>
</tr>
<tr>
<td><strong>2K Clear coat, 680 061</strong></td>
<td>1 - 3 spray passes each 30 μm</td>
<td>5 min / 30°C</td>
<td>2 h / 20°C</td>
<td>60 min / 60°C</td>
<td>4 h / 20°C</td>
<td></td>
</tr>
<tr>
<td><strong>2K Rapid clear coat, 680 064</strong></td>
<td>2 spray passes each 15 - 20 μm</td>
<td>5 min / 20°C</td>
<td>IR approx. 15 min</td>
<td>14 h / 20°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2K Headlight clear coat, 684 066</strong></td>
<td>2 spray passes</td>
<td>5 min / 20°C</td>
<td>IR approx. 25-30 min</td>
<td>14 h / 20°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blender clear, 680 092</strong></td>
<td>2 - 3 very light spray passes</td>
<td>12 h / 20°C</td>
<td>IR approx. 15 min</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blender thinner, 680 093</strong></td>
<td>2 - 3 very light spray passes</td>
<td>12 h / 20°C</td>
<td>IR approx. 15 min</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### Top coats

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Flash off Time</th>
<th>Drying</th>
<th>Sanding</th>
<th>Potlife</th>
<th>Cleaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1K Plastics spray, 680 020</strong>*</td>
<td>2 - 3 spray passes each 10 - 15 μm</td>
<td>5 min / 20°C</td>
<td>12 h / 20°C</td>
<td>30 min / 60°C</td>
<td>5 min</td>
<td></td>
</tr>
<tr>
<td><strong>Structure paint, 680 012</strong>*</td>
<td>2 - 3 spray passes each 15 - 20 μm</td>
<td>1 - 5 min / 20°C</td>
<td>24 h / 20°C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>1K Top coat, 680 101</strong>*</td>
<td>2 - 3 spray passes each 15 - 20 μm</td>
<td>1 - 5 min / 20°C</td>
<td>3 h / 20°C</td>
<td>30 min / 60°C</td>
<td>5 min</td>
<td></td>
</tr>
<tr>
<td><strong>1K Wheel spray, 680 040</strong></td>
<td>2 - 3 spray passes each 15 - 20 μm</td>
<td>5 min / 20°C</td>
<td>8 h / 20°C</td>
<td>50 min / 60°C</td>
<td>15 min</td>
<td></td>
</tr>
<tr>
<td><strong>2K Acrylic topcoats RAL</strong></td>
<td>2 - 3 spray passes each 15 - 20 μm</td>
<td>1 - 5 min / 20°C</td>
<td>8 h / 20°C</td>
<td>50 min / 60°C</td>
<td>15 min</td>
<td>48 h / 20°C</td>
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</table>

* Other product variants/colours/article numbers, see product descriptions!