

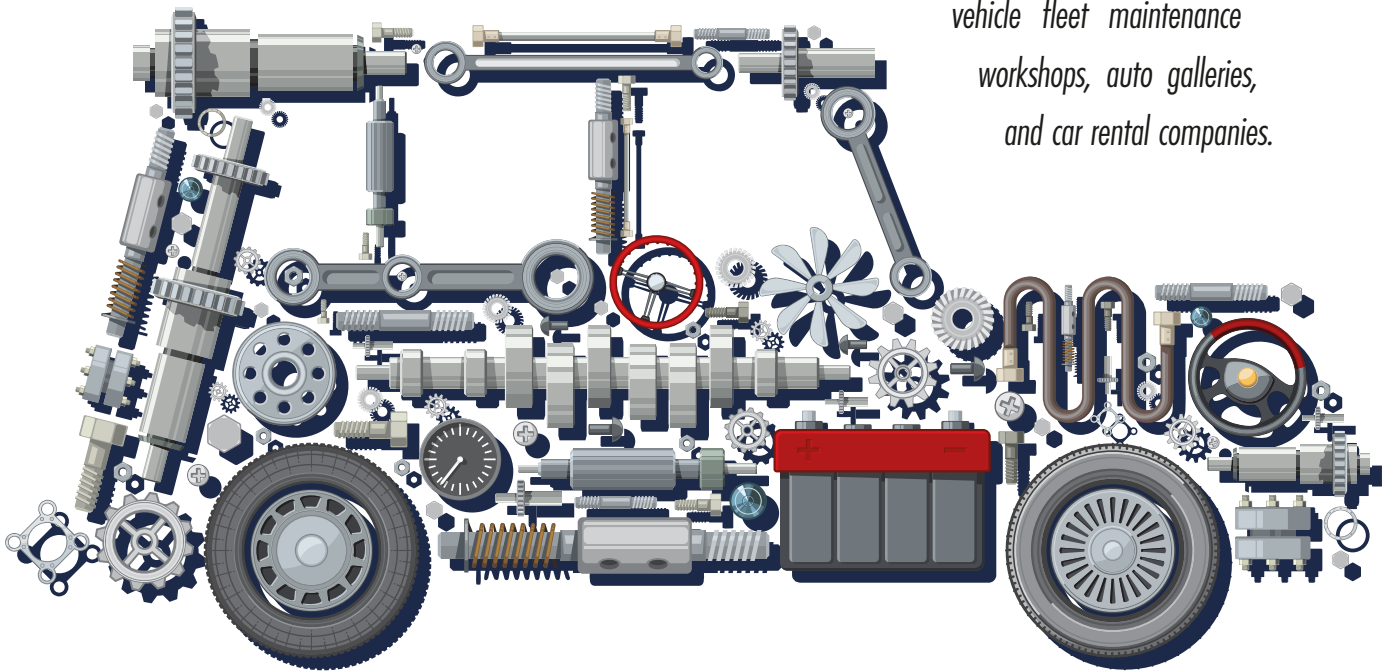


[www.winkelgroup.de](http://www.winkelgroup.de)



## ABOUT US

*We offer high-quality products and professional solutions to our customers operating in the automotive sector. We address to a wide range of customer group including authorized services of automotive manufacturers, special services, motorcycle services, gas stations, body shell workshops, paint shops, fast repair workshops, car glass workshops, car electricians, vehicle maintenance and modification services, vehicle fleet maintenance workshops, auto galleries, and car rental companies.*



## **4. MECHANICAL PRODUCTS**

-THREAD LOCKER - THREAD SEALANT - RETAINING COMPOUND  
-SURFACE SEALANT - SILICONE SEALANT MECHANICAL PRODUCTS

## **13. URGENT REPAIR PRODUCTS AND INSTANT ADHESIVES**

-EPOXY & STRUCTURAL ADHESIVES - INSTANT ADHESIVES

## **20. CLEANER AND SURFACE PREPARATION PRODUCTS**

-PARTS, SURFACE AND HAND CLEANERS

## **24. LUBRICANTS AND SPECIAL PRODUCTS**

-LUBRICANTS - GREASES - RUST REMOVERS & DETECTING PRODUCTS  
-SPECIAL PURPOSE PRODUCTS - ANTI SEIZE PRODUCTS

## **33. ADDITIVES AND SYSTEM CLEANERS**

-ADDITIVES - SYSTEM CLEANERS

## **40. VEHICLE MAINTENANCE AND COSMETIC PRODUCTS**

-PASTE - POLISH - VEHICLE FRAGRANCE - GLASS CLENAER

## **46. BODY REPAIR AND GLASS BONDING PRODUCTS**

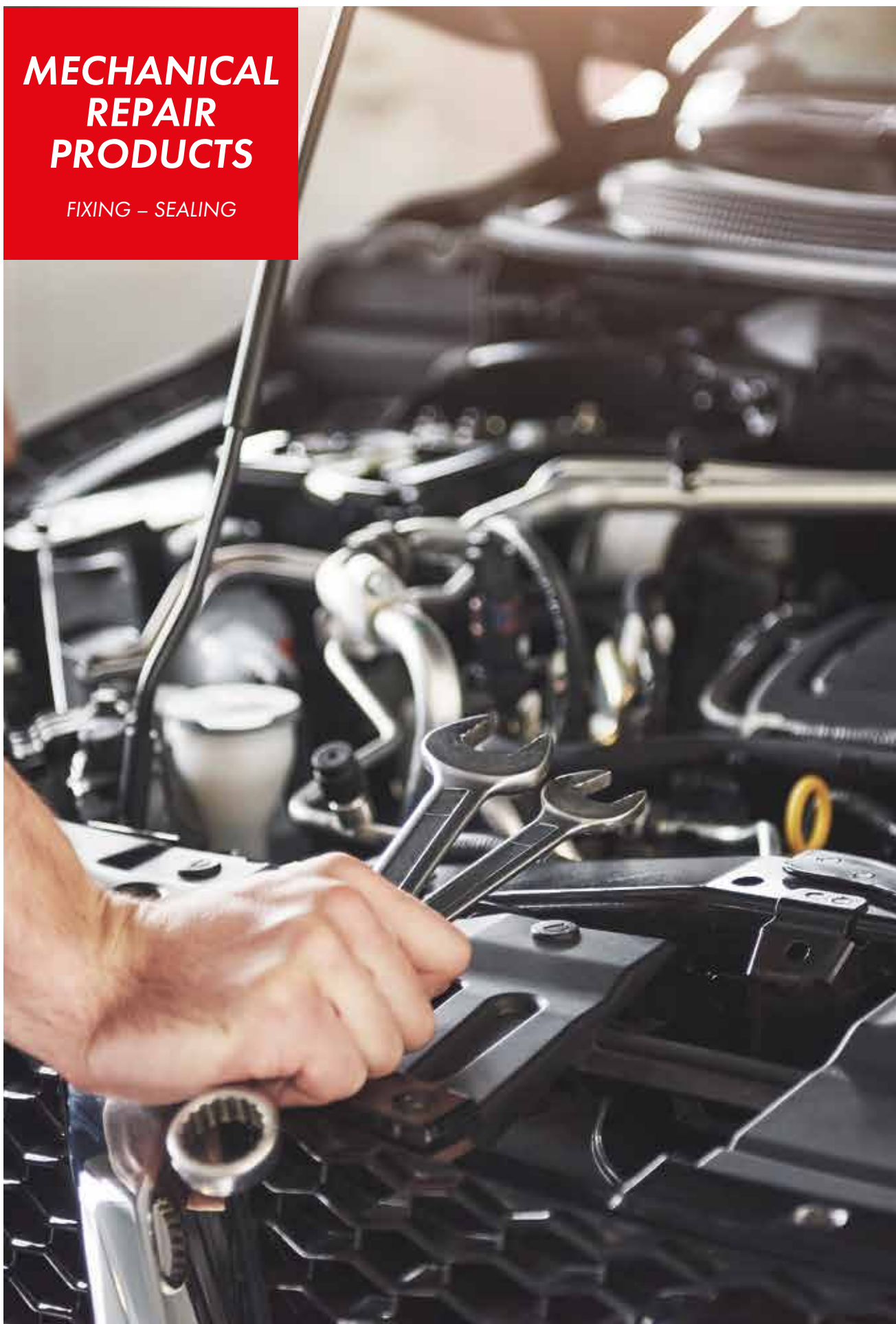
-ELASTIC SEALING - METAL COATING & PROTECTION SPRAYS - GLASS BONDING

## **50. SPRAY PAINTS**

-ACRYLIC SPRAY PAINT - SPECIAL EFFECT PAINTS

# **MECHANICAL REPAIR PRODUCTS**

*FIXING – SEALING*



**WINKEL PRO 2W43**

*It is a medium strength adhesive product developed for fixing and sealing all kinds of bolt connections. When the product is used between metal connections and in an airless environment, it reacts and cures. It reacts faster in ferrous metals, yellow, brass and alloys. It has resistance to vibration, oil and temperature up to 180°C. If necessary, it can be removed with standard hand tools.*

**Colour:** Blue  
**Strength:** Medium  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M36  
**Gap Filling Capacity:** 0,25 mm max  
**Removal Torque:** 20-30 Nm.  
**Temperature Resistance:** -55°C +180°C

<b>Unit :</b> 10 ml	<b>Unit :</b> 50 ml	<b>Unit :</b> 250 ml
<b>Box :</b> 30 Pieces	<b>Box :</b> 10 Pieces	<b>Box :</b> 10 Pieces
<b>Art. No. :</b> 20318	<b>Art. No. :</b> 20303	<b>Art. No. :</b> 20304



**WINKEL W223 243**

*If necessary, it can be removed with standard hand tools. Since it is for general purposes, it can be used in many connections. It provides sealing as well as fixing.*

**Colour:** Blue  
**Strength:** Medium  
**Functional Strength:** 1-3 Hours  
**Recommended Ø Size:** M36  
**Gap Filling Capacity:** 0,25 mm max  
**Removal Torque:** 18-25 Nm.  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 20 Pieces  
**Art. No. :** W223 243-50P



**WINKEL PRO 2W701**

*It is an oil-resistant and high-strength adhesive product developed for fixing and sealing metal screws. When the product is used between metal connections and in an airless environment, it reacts and cures. It has resistance to vibration, oil and temperature up to 180°C. It ensures that the stud bolts are fixed without removing the bearing housings. It is especially ideal for screw connections bearing heavy-duty. It can also be used on lightly soiled surfaces.*

**Colour:** Green  
**Strength:** High  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M20  
**Gap Filling Capacity:** 0,35 mm max  
**Removal Torque:** 30-45 Nm  
**Temperature Resistance:** -55°C +180°C

<b>Unit :</b> 10 ml	<b>Unit :</b> 50 ml	<b>Birim :</b> 250 ml
<b>Box :</b> 30 Pieces	<b>Box :</b> 10 Pieces	<b>Box :</b> 10 Pieces
<b>Art. No. :</b> 20319	<b>Art. No. :</b> 20306	<b>Art. No. :</b> 20307



**WINKEL W230 270/1**

*Ideal for connections that are not intended to be removed. If necessary, it can be removed by heat treatment. It provides sealing as well as fixing.*

**Colour:** Green  
**Strength:** High  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M20  
**Gap Filling Capacity:** 0,35 mm max  
**Removal Torque:** 30-45 Nm.  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 20 Pieces  
**Art. No. :** W230 270-50P



**WINKEL PRO 5W11**

*It is a low-strength, thixotropic threaded sealant developed for parallel and cone gears and their combinations. It has a medium level of mechanical resistance. When the product is used between metal connections and in an airless environment, it reacts and cures. It provides sealing against water, compressed air, gas, gasoline, LPG as well as chemical products from special and industrial plants.*

**Colour:** White  
**Strength:** Low  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M26  
**Gap Filling Capacity:** 0,35 mm max  
**Removal Torque:** 15-25 Nm.  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 10 Pieces  
**Art. No. :** 20400

**Unit :** 250 ml  
**Box :** 10 Pieces  
**Art. No. :** 20401

**WINKEL W610 511**

*It can be used in place of ketene, PTFE and solid gaskets. It allows alignment after assembly. Prevents corrosion and provides sealing.*

**Colour:** White  
**Strength:** Low  
**Functional Strength:** 1-3 Hours  
**Recommended Ø Size:** M80  
**Gap Filling Capacity:** 0,20 mm max  
**Removal Torque:** 06-10 Nm.  
**Temperature Resistance:** -50°C +180°C

**Unit :** 50 ml  
**Box :** 20 Pieces  
**Art. No. :** W610 511-50

**WINKEL PRO 5W42**

*It is a medium strength sealant developed for threaded connections in hydraulic and pneumatic systems. When the product is used between metal threads and in an airless environment, it reacts and cures. It provides sealing against water, compressed air, gas, gasoline, LPG as well as chemical products used in private and industrial plants. It has high resistance to temperature up to 180°C.*

**Colour:** Brown  
**Strength:** Medium  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M26  
**Gap Filling Capacity:** 0,15 mm max  
**Removal Torque:** -  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 10 Pieces  
**Art. No. :** 20409

**Unit :** 250 ml  
**Box :** 10 Pieces  
**Art. No. :** 20410

**WINKEL W610 542**

*It is developed for threaded connections in hydraulic & pneumatic systems. It has good penetration capability to thin and parallel spaces. Prevents corrosion and provides sealing.*

**Colour:** Red  
**Strength:** Medium  
**Functional Strength:** 1-3 Hours  
**Recommended Ø Size:** M20  
**Gap Filling Capacity:** 0,15 mm max  
**Removal Torque:** 18-24 Nm  
**Temperature Resistance:** -50°C +150°C

**Unit :** 50 ml  
**Box :** 20 Pieces  
**Art. No. :** W620 542-50P

**WINKEL PRO 5W77**

*It is a medium strength threaded sealant developed for parallel and cone gears and their combinations. When the product is used between metal connections and in an airless environment, it reacts and cures. It has a temperature resistance up to +180°C. It provides reliable sealing as opposed to conventional materials such as ketene and PTFE.*

**Colour:** Yellow  
**Strength:** Medium  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M80  
**Gap Filling Capacity:** 0,35 mm max  
**Removal Torque:** 20-30 Nm.  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 10 Pieces  
**Art. No. :** 20403

**Unit :** 250 ml  
**Box :** 10 Pieces  
**Art. No. :** 20404



**WINKEL W628 577**

*It can be used in place of ketene, PTFE and solid gaskets. Provides high quality sealing in pipe threaded connections. It prevents corrosion.*

**Colour:** Yellow  
**Strength:** Medium-High  
**Functional Strength:** 1-3 Hours  
**Recommended Ø Size:** M80  
**Gap Filling Capacity:** 0,35 mm max  
**Removal Torque:** 27-32 Nm.  
**Temperature Resistance:** -50°C +150°C

**Unit :** 50 ml  
**Box :** 20 Pieces  
**Art. No. :** W628 577-50P



**WINKEL PRO 5W72**

*It is a low-strength, thixotropic threaded sealant product developed for parallel and cone gears and their combinations. It has a medium level of mechanical resistance. When the product is used between metal connections and in an airless environment, it reacts and cures. It provides sealing against water, compressed air, gas, gasoline, LPG as well as chemical products from special and industrial plants.*

**Colour:** White  
**Strength:** Low  
**Functional Strength:** 1-3 Hours  
**Recommended Ø Size:** M80  
**Gap Filling Capacity:** -  
**Removal Torque:** 5-15 Nm.  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 10 Pieces  
**Art. No. :** 20406



**WINKEL PRO 6W38**

*It is a fast-curing, high-strength compound developed especially for all kinds of cylindrical connections exposed to static shear strength and dynamic loads. When the product is used between metal threads and in an airless environment, it reacts and cures. It has resistance to temperature up to 180°C. It is widely used to bond gear wheels, pulleys and rotor joints.*

**Colour:** Green

**Strength:** High

**Functional Strength:** 1-3 Hours

**Recommended Ø Size:** M36

**Gap Filling Capacity:** 0,30 mm max

**Removal Torque:** 20-35 Nm.

**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml

**Box :** 10 Pieces

**Art. No. :** 20603

**Unit :** 250 ml

**Box :** 10 Pieces

**Art. No. :** 20604

**WINKEL W 336 638**

*Ideal for cylindrical connections that are not intended to be removed. It can be removed by heat treatment when necessary. It improves load transfer capacity as it provides 100% surface contact.*

**Colour:** Green

**Strength:** High

**Functional Strength:** 1-3 Hours

**Recommended Ø Size:** -

**Gap Filling Capacity:** 0,30 mm max

**Removal Torque:** 30-40 Nm.

**Temperature Resistance:** -50°C +150°C

**Unit :** 50 ml

**Box :** 20 Pieces

**Art. No. :** W338 638-50P

**WINKEL PRO 6W41**

*It is a conventional medium strength compound developed for cylindrical joints. When the product is used between metal connections and in an airless environment, it reacts and cures. It is widely used for fixing bearings, bushing bearings and rotary components to gear wheels, which need to be disassembled and assembled frequently.*

**Colour:** Yellow

**Strength:** Medium

**Functional Strength:** 4-8 Hours

**Recommended Ø Size:** M36

**Gap Filling Capacity:** 0,20 mm max

**Removal Torque:** 10-20 Nm

**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml

**Box :** 10 Pieces

**Art. No. :** 20606

**Unit :** 250 ml

**Box :** 10 Pieces

**Art. No. :** 20607

**WINKEL PRO 6W48**

*It is a high-strength compound that enables fixing of cylindrical joints. It can be used on lightly oily surfaces. When the product is used between metal threads and in an airless environment, it reacts and cures. It has resistance to temperature up to 180°C. It fixes stud bolts, bearing housings and roller bearings that do not need to be loosened normally. Particularly suitable for screw connections exposed to overload.*

**Colour:** Green

**Strength:** High

**Functional Strength:** 1-3 Hours

**Recommended Ø Size:** M20

**Gap Filling Capacity:** 0,25 mm max

**Removal Torque:** 40-50 Nm

**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml

**Box :** 10 Pieces

**Art. No. :** 20609

**Unit :** 250 ml

**Box :** 10 Pieces

**Art. No. :** 20610

**WINKEL PRO 5W74**

*It is a medium strength thixotropic surface sealing product developed for the sealing of metal gears and flanges. When the product is used between metal connections and in an airless environment, it reacts and cures. It is widely used in factories and workshops for sealing of covers, flanges and pump bodies against water, compressed air, gas, LPG and gasoline; it can be used in place of any kinds of flange seals. It has high resistance to temperature up to 180°C.*

**Colour:** Orange

**Strength:** Medium

**Functional Strength:** 3-6 Hours

**Recommended Ø Size:** M80

**Gap Filling Capacity:** 0,35 mm max

**Removal Torque:** 10-15 Nm.

**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml

**Box :** 10 Pieces

**Art. No. :** 20500

**Unit :** 250 ml

**Box :** 10 Pieces

**Art. No. :** 20501

**WINKEL W626 574**

*It is a general purpose sealing material. It can also be used without finishing on surfaces.*

**Colour:** Orange

**Strength:** Medium

**Functional Strength:** 1-3 Hours

**Recommended Ø Size:** -

**Gap Filling Capacity:** 0,35 mm max

**Removal Torque:** 17-24 Nm.

**Temperature Resistance:** -50°C +150°C

**Unit :** 50 ml

**Box :** 20 Pieces

**Art. No. :** W626 574-50P



**WINKEL PRO 5W18**

*It is a medium strength impermeability and sealing product developed for rigid flange connections. It provides high sealing at instantaneous low pressure exposure. When the product is used between metal connections and in an airless environment, it reacts and cures. It is widely used in sealing various metal material combinations, especially in aluminum flanges. Suitable for vertical surfaces and overhead applications. It has a temperature resistance up to 180°C.*

**Colour:** Red  
**Strength:** Medium  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M80  
**Gap Filling Capacity:** 0,35mm max.  
**Removal Torque:** 21,2 Nm.  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 10 Pieces  
**Art. No. :** 20503

**Unit :** 300 ml  
**Box :** 10 Pieces  
**Art. No. :** 20504

**WINKEL W628 518**

*It provides sealing against oil especially in the flanges.*

**Colour:** Red  
**Strength:** Medium-High  
**Functional Strength:** 1-3 Hours  
**Recommended Ø Size:** -  
**Gap Filling Capacity:** 0,35 mm max  
**Removal Torque:** 20-27 Nm.  
**Temperature Resistance:** -50°C +150°C

**Unit :** 50 ml  
**Box :** 20 Pieces  
**Art. No. :** W628 518-50P

**WINKEL PRO 5W10**

*It is a medium strength impermeability and sealing product developed for rigid flange connections. When the product is used between metal connections and in an airless environment, it reacts and cures. It can be used in place of solid gaskets in flange connections on transmission case, pumps, and etc. It is resistant to impact and vibration. It provides sealing against water, gas, gasoline, oil, LPG and also against technical chemicals. It has a temperature resistance up to 180°C.*

**Colour:** Pink  
**Strength:** High  
**Functional Strength:** 3-6 Hours  
**Recommended Ø Size:** M56  
**Gap Filling Capacity:** 0,25 mm max  
**Removal Torque:** 5-10 Nm  
**Temperature Resistance:** -55°C +180°C

**Unit :** 50 ml  
**Box :** 10 Pieces  
**Art. No. :** 20506

**Unit :** 250 ml  
**Box :** 10 Pieces  
**Art. No. :** 20507

**WINKEL PRO ANAEROBIC ACTIVATOR**

*Winkel PRO is a spray formulated product to increase the curing rate of Anaerobic Adhesives. It increases the activity of the adhesive and saves time. It accelerates the process of the adhesive to reach the initial strength (depending on the type of anaerobic adhesive, the size of the gap to be filled, and the room temperature) approximately 20-120 seconds. It is especially ideal for use in passive metals that are difficult to bond. It is recommended to use it for optimum benefit from the adhesive in adverse operating conditions.*

**Unit :** 200 ml  
**Box :** 12 Pieces  
**Art. No. :** 20700



**GASKET PLUS SEALANT - OXIME**

Sealant silicone liquid gasket with high oil tolerance, high temperature resistance and gap filling capacity in flexible flange connections. Suitable for use with engine block, transmission and differential connections, and etc. It can be used to seal many areas such as the engine block, transmission, differential, oil pan, timing chain cover, intake manifold. It has a light smell and does not cause corrosion. Thanks to its 200 ml package, it provides ergonomic use and long shelf life.



**Unit :** 70 ml  
**Box :** 30 Pieces  
**Colour :** Black  
**Art. No. :** W 200 502-0

**Unit :** 200 ml  
**Box :** 12 Pieces  
**Colour :** Black  
**Art. No. :** W 200 504-0

**Unit :** 200 ml  
**Box :** 12 Pieces  
**Colour :** Grey  
**Art. No. :** W 200 505-0

**RTV SILICONE LIQUID GASKET - ACETOXIDE**

Sealing silicone liquid gasket with high temperature resistance and gap filling capacity to be used in flange connections. Suitable for use with engine block, oil pan joints, axle gap, and etc.



**Unit:** 70 ml  
**Box :** 30 Pieces  
**Colour :** Black  
**Art. No. :** W 200 502

**Unit :** 200 ml  
**Kutu :** 12 Pieces  
**Colour :** Black  
**Art. No. :** W 200 504

**Unit :** 200 ml  
**Box :** 12 Pieces  
**Colour :** Grey  
**Art. No. :** W 200 505

**Unit :** 200 ml  
**Box :** 12 Pieces  
**Colour :** Red  
**Art. No. :** W 200 506

**RTV HIGH TEMPERATURE SILICONE**

It is a single component, moisture curing, high temperature resistant acetoxo based bonding and sealing silicone. It is 100% silicone polymer. It is highly resistant. It not contain solvent. Conforms to ISO 11600-F&G - 25 LM. It is resistant to Ozone and UV rays. It has high temperature resistance up to 255 °C (short term 285 °C). It is ideal for non-porous surfaces such as aluminum, glass, ceramic, and tiles.

**Unit :** 280 ml  
**Box :** 25 Pieces  
**Colour :** Red  
**Art. No. :** W 160 254

**HIGH TEMPERATURE SILICONE**

It is an oxime-based, high temperature resistant bonding and sealing silicone. It adheres very well to the materials it is applied to and forms a high quality permanent elastic seal. It has excellent resistance to gasoline/diesel fuels, oils, grease, water and seawater, UV rays and ozone. Ideal for use in engine block sealing, oil pan joints and all flanges, transmission, axles, air conditioning and heating appliances, oven compartments, ceramic hobs.

**Unit :** 310 ml  
**Box :** 20 Pieces  
**Colour :** Black  
**Art. No. :** W160 255

**HYLOMAR**

Hylomar is a technically developed, permanent, plastic polyester-urethane based sealant. Hylomar is resistant to a wide range of fluids (Avtur and Avcat) including all industrial fuels, oils, water and sea water, air, turbine and piston engine combustion products, water/glycol and methanol blends, oil and synthetic ester based lubricating oils, diesel and kerosene liquids, as well as fluorocarbon coolers. The product is effective from metal to metal and from plastic to plastic. It is used to provide sealing of surfaces and threaded parts. Some Areas of Usage: It can be used in areas such as water and oil pumps, oil pans, gaskets, engine manifolds, device inspection covers, cylinder heads, and etc.

**Unit :** 80 ml  
**Box :** 10 Pieces  
**Art. No. :** W200 073

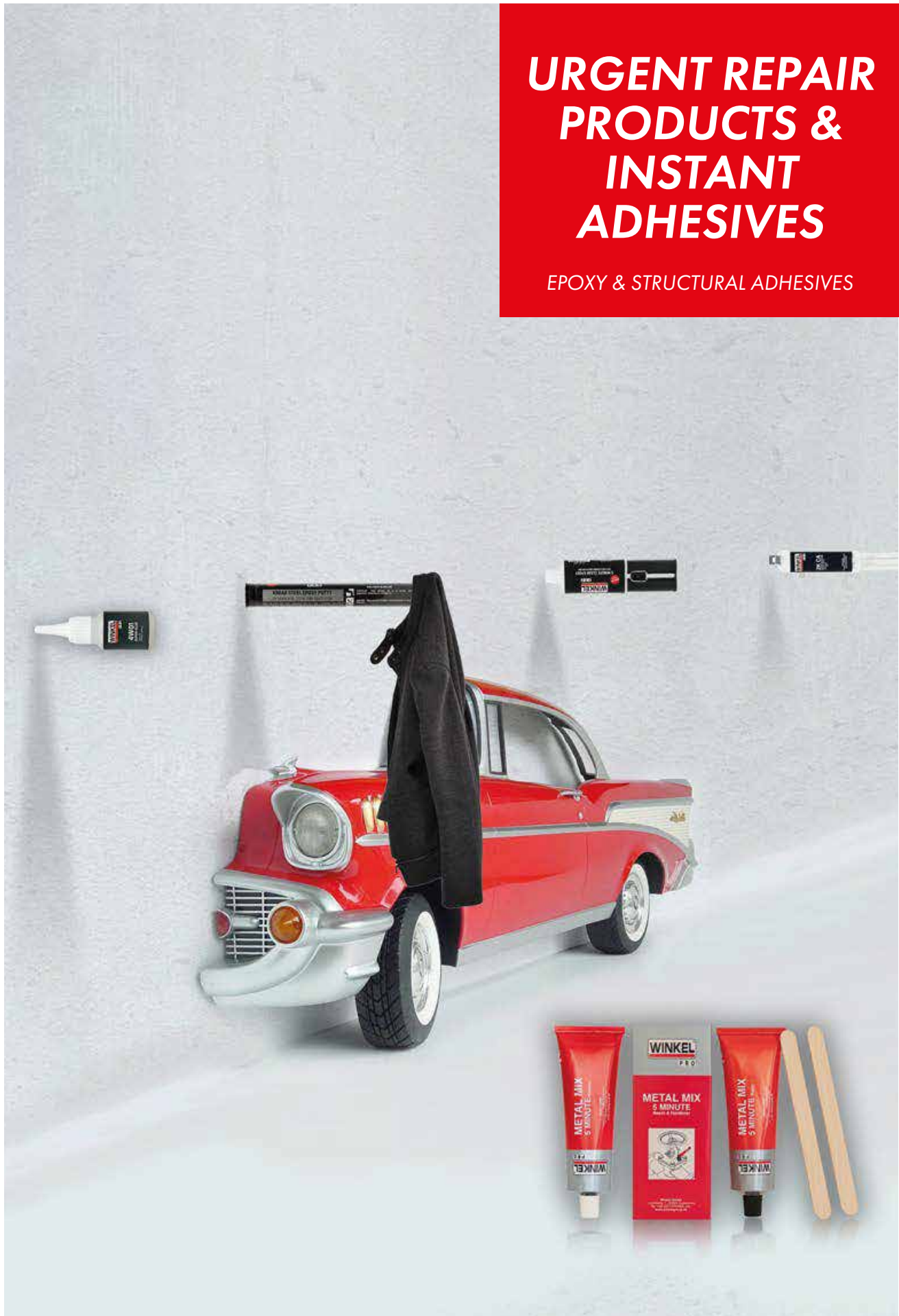
**EXHAUST ASSEMBLY PASTE**

Water-based mounting paste with heat-resistant filler. It has been developed especially for the assembly of exhaust systems in automotive and general industrial applications. It has a heat-drying mechanism. After applied, the engine is started and the drying is accelerated with the exhaust heat. It provides excellent sealing against carbon monoxide and other hazardous exhaust vapors after being completely hardened. Heat Resistance: 1000 °C

**Unit :** 130 ml  
**Box :** 72 Pieces  
**Art. No. :** W130 158

# URGENT REPAIR PRODUCTS & INSTANT ADHESIVES

EPOXY & STRUCTURAL ADHESIVES



WINKEL PRO 5 MINUTE CLEAR EPOXY



It is a fast curing epoxy that makes its first hold in 5 minutes and reaches its functional strength within an hour. It does not contain any filler and solvent. It has superior adhesion properties, high chemical resistance and is suitable for working in a water immersed position for a long time. Strongly bonds to a wide range of materials such as metals, fibreglass, glass, porcelain and concrete, making it ideal for multi-purpose vehicle repairs.

<b>Unit :</b> 28,4 g	<b>Unit :</b> 500 g
<b>Box :</b> 14 Pieces	<b>Box :</b> 1 Piece
<b>Art. No. :</b> 20061	<b>Art. No. :</b> 20062

WINPOX



It is a yellow methylemethacrylate adhesive composed of two-components. It is a high-strength adhesive for plastics and metals. It is weather resistant. It can be used for the bumper repair, bumper brackets and for gluing the headlight tabs of the vehicles. It provides fast and strong adhesion. Strongly bonds to a wide range of materials such as metals, fibreglass, glass, porcelain and concrete, making it ideal for multi-purpose vehicle repairs.

\* Used with application gun and mixer tip.

<b>Unit :</b> 25 ml	<b>Unit :</b> 50 ml	<b>Unit :</b> 400 ml
<b>Box :</b> 14 Pieces	<b>Box :</b> 12 Pieces	<b>Box :</b> 20 Pieces
<b>Art. No. :</b> W200 001	<b>Art. No. :</b> W200 002	<b>Art. No. :</b> W200 003

POLYPLAST



POLYPLAST is an impact-resistant, two-component special structural adhesive. It does not contain solvent. It is used to adhere surfaces/metals and low surface energy plastics , which are difficult to bond, such as polypropylene (PP), polyethylene (PE), Teflon®, EPDM (ethylene propylene diene monomer). POLYPLAST has excellent resistance to moisture and chemicals thanks to its hybrid acrylate based high quality formulation. It is used in areas such as automotive sub-industry, precision mechanical, electronic, optical, as well as in glass bonding or surfaces of which adhesion is difficult to achieve such as PE and PP in the assembly and fixing of structural parts.

**Unit :** 50 ml  
**Box :** 12 Pieces  
**Art. No. :** 20063

WINKEL PRO METAL MIX 5 MINUTE



It is a high-viscosity, metal-filled, two-component epoxy adhesive developed for maintenance and repair applications. It does not contain solvent. It is ideal for urgent repair of metal parts thanks to its high metal content (70%) in its formulation. It can be molded and used in model construction. Suitable for repairing large/wide areas as the tensile ratio after hardening is very low. It enables easy repair of damages on vertical surfaces. Once hardened, it can be drilled, leveled, grinded, painted over.

**Unit :** 500 g (Kit Weight)  
**Box :** 8 Pieces  
**Art. No. :** 20014



HEAT RESISTANCE CLEAR EPOXY

It is a transparent high temperature epoxy system with its special hardener designed especially for places exposed to high temperatures. It is widely used in places where vacuum bag production is needed, such as the aircraft industry. It cures at room temperature; can be subjected to 100 kg/cm2 pressure for up to 6 hours in the temperature range of 176°C-232°C in final curing and autoclave applications. MIL Spec. MIL-S-83430A compliance is available. Some Areas of Usage: Suitable for vacuum shaped molds, transparent trim coatings, rim molds, bonding applications and composite delamination repairs.



Unit : 50 ml  
Box : 10 Pieces  
Art. No. : 20060

WINKEL PRO KNEAD WATER

It practically provides filling and sealing in leaky joints, adheres even under water. It fills holes and cracks in the surfaces of concrete swimming pools, aquariums, etc., and repairs broken parts on their surfaces. Perfect for remodeling and parts fabrication. As a general purpose filler/sealant, it provides excellent adhesion in metals, wood, and glass, marble, ceramic and many plastics. It can be drilled, passed, filed, sanded and painted on like metal. It reaches steel hardness in 1 hour. It adheres very well to aluminum, iron, steel, wood, glass, wall, ceramic and many plastics. It can be used in areas such as mold construction, filling, bonding, vehicle repair, and etc.



Unit : 114 g  
Box : 12 Pieces  
Art. No. : 20050

Unit : 57 g  
Box : 24 Pieces  
Art. No. : 20069

KNEAD STEEL EPOXY PUTTY

WINKEL PRO KNEAD STEEL provides practical filling and sealing in leaky connections, fills holes and cracks, and repairs broken parts. Perfect for remodeling and parts fabrication. As a general purpose adhesive, it provides excellent adhesion in metals, wood, glass, marble, ceramics and many plastics. It can be drilled, passed, filed, sanded and painted on like metal. It reaches steel hardness in 20 minutes. It adheres very well to aluminum, iron, steel, wood, glass, wall, ceramic and many plastics. It can be used in areas such as mold construction, filling, bonding, vehicle repair, and etc.



Unit : 114 g  
Box : 12 Pieces  
Art. No. : 20051

Unit : 57 g  
Box : 24 Pieces  
Art. No. : 20068

WINKEL PRO KNEAD STEEL & KNEAD WATER USAGE AREAS



**INSTALLATIONS** - Sink traps, oil and water tanks, pipe connections, drain pipe leaks, etc.



**ELECTRICAL** - It can be used in place of tape, ceramic connector, control knob, etc.



**CERAMIC REPAIR** - Cracked wall and floor ceramics, etc.



**VEHICLE REPAIR** - Metal strips, small dents, fuel tank, radiator etc.



**UNDERWATER REPAIR** - Concrete swimming pools, aquarium, etc.



**SOLID GASKETS** - Permanent sealing and bonding.



**INDOOR REPAIRS** - Screw holes in wood or metal, hanging wall paintings, lighting fixture assemblies, fixation of loose furniture armrests and legs, air duct leaks, etc.

WINKEL PRO A EASYMIX STEEL PUTTY



It is an iron filled, impact and wear resistant casting repair epoxy. It enables rapid repair in case of emergency. After drying, it can be drilled, filed, levelled or painted over. Engine bodies, auxiliary furnace components, molds, technical change adaptation, modeling, casting bodies, hammer body repair, Zamak (kirkSITE) fillings, core boxes, prototypes. It can be used for repair and filling in areas such as engine bodies, molds, modeling, etc.

Unit : 500 g  
Box : 1 Piece  
Art. No. : 20013

WINKEL PRO F EASYMIX ALUMINUM STEEL PUTTY



It is an aluminum filled surface casting repair epoxy. Suitable for hard and permanent repair in castings. It is a grey colored epoxy resin especially developed for casting in gaps between 0,4 and 12,5 mm. When hardened, it can be drilled or machined using conventional metalworking tools. It can be used for filling and bonding in vehicle molding, body repair.

Unit : 500 g  
Box : 1 Piece  
Art. No. : 20022





**MDF INSTANT ADHESIVE SPRAY**

*It has been developed especially for absorbent wood bonding processes. The activator in the kit accelerates bonding as well as optimizes adhesive consumption. It pastes in a matter of seconds.*

**Unit:** 200 ml (KIT)  
**Box :** 24 Pieces  
**Art. No. :** W200 023

**Unit :** 400 ml (KIT)  
**Box :** 25 Pieces  
**Art. No. :** W200 022

WINKEL PRO 4W01 SUPER GLUE - LONG LIFE

*It is a long-lasting, cyanoacrylate-based fast adhesive developed for special applications. It is used in leather, cardboard, fungus, wood, foam, plastic, elastomers, metal and absorbent materials and in individual applications where traditional adhesives do not give optimum results. High stability. Highly resistant to moisture. It does not wet paper and cardboard and is suitable for use in absorbent materials. Clean and aesthetic adhesion. Fast drying in 1-3 seconds.*



**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20105

WINKEL PRO 4W60 SUPER GLUE LOW ODOR & BLOOM

*It is a cyanoacrylate based fast adhesive specially developed for applications where aesthetic adhesion is important. It provides safe use thanks to its special formulation. It does not bloom, it is almost odorless. Clean and aesthetic adhesion. It has no corrosive effect on Styrofoam® model construction.*



**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20100

WINKEL PRO 4W06 SUPER GLUE PLASTIC & RUBBER

*It is a cyanoacrylate based fast adhesive specially developed for bonding materials that are exposed to high temperatures and require high flexibility, such as plastic and rubber. It has different viscosities according to the range of applications. Temperature-resistant bonding up to +125°C. Improved impact resistance. High flexibility*



**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20110

Low Viscosity

**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20111

Medium Viscosity

**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20112

High Viscosity

WINKEL PRO 4W15 SUPER GLUE METAL & RUBBER

*It is a cyanoacrylate based fast adhesive developed for bonding metal and metal rubber combinations. It is also used in cases where traditional adhesives do not give optimum results; as well as it is used for leather, cardboard, mushroom, wood, foam, plastic, elastomers and absorbent materials, especially metals and rubber. It has high resistance to moisture. It provides ideal bonding in aprons. Clean and aesthetic appearance. Rapid hardening in 1-3 seconds.*



**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20205



**WINKEL PRO RUBBER BLACK TOUGHENED SUPER GLUE**

*It is a black colored, cyanoacrylate based fast adhesive with high moisture resistance, flexible structured, resistant to shock, impact and peeling. It is not absorbed uncontrolled in paper and cardboard materials. Thanks to its deep black color, it is especially used in model assembly, interior equipment of vehicles and for the bonding of black parts in the repair of all kinds of plastics.*



**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20115

**WINKEL PRO GEL SUPER GLUE**

*It is a gel-formed instant adhesive developed for upright surfaces and porous materials. It provides comfortable use in overhead applications and on vertical surfaces without the risk of running down. Prevents uncontrolled consumption of adhesive and spread to undesired areas. Ideal for bonding porous and absorbent materials such as metal, plastic, rubber and wood, cork.*



**Unit :** 20 g  
**Box :** 30 Pieces  
**Art. No. :** 20200

**WINKEL PRO CA PRIMER**

*It improves the adhesion of materials which are difficult to bond such as PE, PP, PTFE, silicones and thermoplastics. It increases the bonding strength of the adhesive by balancing the surface energy. It is not used in adhesive plastics.*

*\* Used with mixer tip.*



**Unit :** 15 ml  
**Box :** 50 Pieces  
**Art. No. :** 20299

**ADHESIVE SPRAY**

*It is a synthetic rubber based spray contact adhesive with very high adhesion strength. Typical areas of usage: It can be used in handicrafts, industry and automobile workshops to bond paper, cardboard, polystyrene, felt, metal, many plastics types, foam, wood, fabric, insulation mats, etc.*



**Unit :** 500 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 158

# CLEANER AND SURFACE PREPARATION PRODUCTS

PARTS, SURFACE AND HAND CLEANERS



**WINOL UNIVERSAL BIO REINIGER**

It is a water-based cleaner used to clean residuals such as dirt, oil and ink from all kinds of surfaces. Biologically, it can be decomposed in nature. The concentrated product can be diluted with water and customized for its intended use according to the type of surface and dirt to be cleaned. For dilution ratios, please refer to product's TDS.

**Unit : 1 L****Box : 9 Pieces****Art. No. : W170 120-1****Unit : 5 L****Box : 4 Pieces****Art. No. : W170 120-5****Birim: 30 L****Kutu : Gallon****Art. No. : W170 120-30****GENERAL CLEANING SPRAY**

Thanks to its special formula, it enables cleaning of grease, tar and other oils, which are in the form of layers, to be cleaned without excessive effort. It is particularly effective for cleaning brake fluid, oil, grease, as well as for removing dust etc. in the automobile components.

**Unit : 500 ml****Box : 24 Pieces****Art. No. : W170 104****PARTS CLEANER LIQUID**

Thanks to its special formula, it enables cleaning of grease, tar and other oils, which are in the form of layers, to be cleaned without excessive effort. It is particularly effective for cleaning brake fluid, oil, grease, as well as for removing dust etc. in the automobile components.

**Unit : 60 L****Box : Gallon****Art. No. : W140 611-60**

### WINKEL PRO FAST CLEANER



It is a high-performance cleaning spray product based on alcohol, ether and hydrocarbon solvent. The cleaning chemicals in its content contain more than 90% active ingredients. It does not leave residue, does not form permanent film, and does not corrode the surfaces. It dries quickly, eliminates moisture on metal surfaces and makes the surface ideal for adhesion. Ideal for use as a general degreaser and cleaner prior to bonding and sealing processes in all glass, ceramic and metal parts in workshops, businesses and homes for cleaning purposes. It is used in cases where surfaces need to be pre-treated for painting or priming, and also for removing silicone residues from metal surfaces.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** 20071

### PAINT GASKET REMOVER SPRAY



Strong remover product that allows to clean all kinds of adhesive and gasket residue without scratching and damaging the surface. It is not recommended for use in sensitive plastics and PVC. Its performance increases when the application surface is firstly cleaned of coarse dirt and then the product is applied afterwards. 10-15 minutes after application for silicone gaskets. It should be cleaned 15-20 minutes after being squeezed on the surface to clean the anaerobic sealers.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W170 100

### FOAM CLEANER SPRAY



Removes oil, nicotine, insect residues and fingerprints from all surfaces. It provides deep cleaning by holding on the surfaces where it is applied with the foam form. It can be used on automobile headlight glass, car blind and windows. It can be used for cleaning before adhesion on glass surfaces.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W170 112

### LABEL DISSSPRAY



It removes adhesive residues, labels, resin, tar and the most stubborn dirt from the surfaces of metal, glass, ceramic, porcelain, enamel and all synthetic materials. It cleans without leaving any residue.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W170 103



**STAIN REMOVER SPRAY**

*It removes stains from almost all fabric surfaces, including silk, without any problems and without leaving marks. Repeated application may be required depending on the type and density of the stain. It can be used on vehicle seat upholstery, roof and floor coverings.*

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W170 111



**HAND CLEANING CREAM**

*It is a hand cleaning product developed for cleaning toughest dirt, oil, tar, pitch, etc. residues. Pumice stone granules in its content allow deep cleaning without irritating the skin. The product is ideal for hand cleaning without water. Requires rinsing before contact with any foodstuff. In addition to hand cleaning, it can be easily used in effective cleaning on equipment surfaces.*

**Unit :** 500 g                      **Unit :** 3 L  
**Box :** 24 Pieces              **Box :** 6 Pieces  
**Art. No. :** W140 601        **Art. No. :** W140 601-3



# LUBRICANTS AND SPECIAL CLEANERS

LUBRICANTS



**Lubricates**



**Cleanses**



**Prevents  
corrosion**



**Dissolves rust**



**Removes water and  
moisture from the surface**



**MULTI SIGNUM SPRAY**

Dissolves rust on rusted bolts, pipe connections, screws, nuts, steel springs, shafts, locks, and etc. Lubricates door locks, hinges and chains. It cleans and maintains plastic-metal parts, e.g. panels, body applications, etc. Prevents corrosion of metals, electrical components, cable connections, relays, plugs, couplings. It is a mineral-based and multi-purpose lubricant. Prevents corrosion, lubricates, cleanses, removes water-moisture from the surface and dissolves rust. It penetrates the part perfectly. It has very good lubrication properties. It gets under dirt, oil and residues and removes them off the surface. The film it forms penetrates deeply and provides excellent protection against moisture, especially in grift parts.

<b>Unit :</b> 200 ml	<b>Unit :</b> 400 ml
<b>Box :</b> 12 Pieces	<b>Box :</b> 24 Pieces
<b>Art. No. :</b> W160 110-200	<b>Art. No. :</b> W160 110



**CHAIN AND ROPE CARE SPRAY**

It forms a flexible layer of protection against corrosion. Resistant to wear and pressure. It is resistant to water and moisture. It produces a solution that does not jam and does not collect dirt in moving mechanisms where greases cause problems. Prevents bimetal corrosion. It is especially ideal for running gears such as gear mechanisms, chains, etc. With its excellent penetration effect, it descends to the center of the chain link and provides homogeneous lubrication.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 115



**CHAIN CARE SPRAY**

Ideal for cleaning and maintaining chain systems damaged by improper lubrication. With its superior penetration ability, it moves towards the center of the applied surfaces and enables effective lubrication. It is resistant to water and moisture. Prevents bimetal corrosion. It is especially used in the maintenance and extension of the service life of chained equipment that requires periodic maintenance such as forklift chains.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 116



**SILICONE SPRAY**

It provides long-term maintenance and protection on metal, plastic and rubber surfaces. Prevents squeaking. It is quite cost-friendly thanks to its extra thin layer that provides protection and maintenance. It is waterproof and corrosion resistant. It does not gather dust thanks to its antistatic effect. In the automotive field, it is used for lubrication and cleaning of plastic parts.

**Unit :** 500 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 112





**PTF DRY LUBRICATION SPRAY**

Colorless, PTFE-containing dry lubricant for metal, rubber, plastic and other materials. Ideal for applications where grease cannot be used due to dirtiness and aesthetic reasons. Suitable for use in the electrical, plastic, textile and automotive industries. It can be used for the maintenance of seat belts. Suitable for lubrication of Sunroof skids.



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 130

**RUBBER & PLASTICS MAINTENANCE SPRAY**

It is a special oil formulated to remove nicotine, gas black and dirt from surfaces such as rubber, plastic and PVC. It provides care and protection on the surfaces that it is applied. Examples of areas of usage include vehicle cockpits, tyres and bumpers.



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 151

**MoS<sub>2</sub> DRY LUBRICATION SYSTEM**

It is a spray product that lubricates dry film in equipment with sliding friction. Thanks to its MoS<sub>2</sub> additive, it reduces friction in systems operating under heavy loads. For best results, it is important that the application surfaces are clean and dry.



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 109



V-BELT SPRAY

It has been developed for the maintenance of any kinds of flat, axial and V-belts made of PVC, rubber and leather. It feeds the belt, reduces noise and keeps the belt in the pulley axis. In this state, it increases the pulling power and efficiency of the belt while providing protection against wear.

Unit : 400 ml  
Box : 12 Pieces  
Art. No. : W150 157



CONTACT SPRAY (OILY)

Mineral oil based organic solvent developed for cleaning electronic cards and sockets. It removes oxidation and dirt from contacts, fuses, cable connections. It repels water and moisture. It forms a wet film on the surface after application.

Unit : 400 ml  
Box : 12 Pieces  
Art. No. : W170 108



CONTACT SPRAY (NON-OIL)

Effectively removes dirt from switches of electrical components that may cause arcing. It provides safe use for cleaning and maintenance purposes in electronic devices. After application, it forms a dry film that repels moisture and water.

Unit : 400 ml  
Box : 12 Pieces  
Art. No. : W170 109





### WW3000 LIQUID GREASE SPRAY

*It is resistant to high pressure. It is resistant to water, temperature of 180°C and corrosion. It has much more adhesion feature. It does not run down or drip. It provides transparent and permanent lubrication. It provides permanent lubrication in the automotive field, door locks and pulleys and moving metal parts.*

**Unit :** 500 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 114



### GENERAL PURPOSE CARTRIDGE GREASE

*It is a general purpose bearing grease that provides safe and long-term lubrication in heavy loads and reduces friction and wear. It can be pressed with standard grease pumps that supply oil in the systems. In the application, the bearing manufacturer's instructions must be followed.*

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 220



### LITHIUM WHITE GREASE SPRAY

*Suitable for engineering plastics as well as metals. It does not contain metal. Thanks to its lithium content, it is resistant to salt water and steam. Provides long-term protection against corrosion. Thanks to its spray application feature, it provides effective lubrication at points that cannot be disassembled or reached.*

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 108



### MoS<sub>2</sub> GEAR WHEEL SPRAY (400°C)

*It forms a friction-resistant elastic protection layer. It repels water from the surface and protects the surface against corrosion. It is resistant to washing with pressurized water. It is used for lubricating chain, machine, gear wheel, etc. Minimizes noise and friction. For a homogeneous coating, shake for about 1 minute before each spraying until you hear the sound of the free ball.*

**Unit :** 400 ml  
**Box:** 12 Pieces  
**Art. No. :** W160 104





**PENETRATING OIL SPRAY**

*It is a mineral-based rust remover with excellent penetration feature. Reduces friction thanks to its MoS2 content. Provides long-lasting and effective corrosion protection. Allows removal of excessively rusted and oxidized moving parts.*



**Unit :** 200 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 120

**Unit :** 400 ml  
**Box :** 24 Pieces  
**Art. No. :** W160 170

**LEAK DETECTION SPRAY**

*It is used to detect leaks in natural gas connections and air lines. Typical application points: pipes, hoses, valves, threaded or welded connections, pressured containers, compressors, etc. Not flammable. It does not interact with gases such as propane, butane, acetylene, natural gas, nitrogen, compressed air, hydrofluorocarbon. Do not use with oxygen.*



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 150

**ICE RUST REMOVER SPRAY**

*It dissolves rusty connections quickly and easily. With its cooler effect, it makes the rust on the metal surface brittle. It does not require waiting. It reaches even the thinnest interspaces on the applied surface. Leaves no residue.*



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 102



**INSULATING VARNISH SPRAY**

*It is an insulation varnish resistant to bad weather and corrosion, which creates a water resistant protection layer. Meets DIN 53482 standard with high insulation value. It is especially suitable for hard-to-reach areas. It can be used for furniture repairs and hobby purposes (artwork, model construction, sports, hand tools, etc.) in the repair and maintenance workshops of electronic products. It provides waterproofing feature in electronic plaques of vehicles.*

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 148-Red

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 149-Transparent



**COOLING SPRAY**

*Thanks to its special content, it cools the applied surfaces to -40 ° C in a short time. In cases where urgent intervention is required for hot parts, it cools the part quickly, shortens the repair time and saves time. It can be used in industrial areas and electronics.*

**Unit :** 500 ml  
**Box :** 12 Pieces  
**Art. No. :** W170 121



**ANTISEIZE COPPER SPRAY**



It is a spray mounting paste containing full synthetic lubricant and copper particles. Prevents seize of moving parts operating under high temperature and pressure. It is resistant to water, gasoline, oil, grease and gases. It allows remote application on moving parts that are difficult or impossible to dissamble. It can be easily used in all kinds of connection points exposed to high heat, pressure and corrosion. Some Usage Areas: It can be used in areas such as injector installation, heater plug installation, guides, bolts, etc.

Colour	: Copper	Unit	: 400 ml
NLGI Category	: 2	Box	: 12 Pieces
Compressive Strength	: 230 N/mm <sup>2</sup>	Art. No.	: W160 101
Operating Temperature Range	: -20°C +1100°C		

**ANTI SEIZE COPPER MOUNTING GREASE**

It is a spray mounting paste containing full synthetic lubricant and copper particles. Prevents seize of moving parts operating under high temperature and pressure. It is resistant to washing with pressurized water.



Colour	: Copper	Unit	: 1 kg
NLGI Category	: 2	Box	: 12 Pieces
Compressive Strength	: 230 N/mm <sup>2</sup>	Art. No.	: W150 202
Operating Temperature Range	: -20°C +1100°C		

**ANTISEIZE CERAMIC SPRAY**



It is a spray mounting paste that does not contain metal and graphite. Thanks to its high-tech ceramic structure, it provides efficient lubrication. It is resistant to gas, salt, acid and solutions. Prevents friction based adhesion and corrosion for heavy bearings and sliding surfaces. Suitable for all moving connections with high heat and pressure, bearings, screws, flanges and bolts, brake caliper lubrication, pump and seal housings, etc.

Colour	: Off-White	Unit	: 400 ml
NLGI Category	: 2	Box	: 12 Pieces
Compressive Strength	: 220 N/mm <sup>2</sup>	Art. No.	: W160 200
Operating Temperature Range	: -40°C +1400°C		

**ANTISEIZE CERAMIC MOUNTING GREASE**

It is an excellent mounting paste enriched with ceramic particles. Water repellent, adheres perfectly to surfaces. It gives excellent results in high temperature and pressure exposed connections, bearings, chain systems, pressure devices, etc.



Colour	: Off-White	Unit	: 1 kg
NLGI Category	: 2	Box	: 12 Pieces
Compressive Strength	: 220 N/mm <sup>2</sup>	Art. No.	: W150 200
Operating Temperature Range	: -20°C +1700°C		

# ADDITIVES AND SYSTEM CLEANERS

ADDITIVES



### GASOLINE ADDITIVE

*It is a fuel additive for all gasoline engines. Removes sedimentation and oxidation residues in fuel lines, injection needles, cylinders, spark plugs and combustion chamber. It saves fuel with precise fuel injection and proper combustion.*



**Unit :** 300 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 103

### DIESEL ADDITIVE

*It is a fuel additive for all diesel engines. It cleans the diesel system and combustion chamber. Keeps the injection system clean. It contains an effective biocide that effectively prevents the growth and spread of microorganisms in the fuel tank and fuel system.*



**Unit :** 300 ml  
**Box :** 24 Pieces  
**Art. No. :** W130 102

### ENGINE OIL ADDITIVE MoS<sub>2</sub>

*Thanks to the special formulation of the engine oil additive with MoS<sub>2</sub>, it is highly durable compared to similar products. Reduces friction, wear, fuel and oil consumption and toxic emissions. The MoS<sub>2</sub> lubricant film guarantees lubrication in cold starts and in emergencies.*



**Unit:** 300 ml  
**Box :** 24 Pieces  
**Art. No. :** W130 105

### RADIATOR SEALANT

*It repairs and seals capillary cracks in the radiators, cylinder heads and engine blocks. Eliminates the need for expensive repairs. It does not damage rubber hoses, metal parts and gaskets. Can be used on all radiator types except cooling circuits with internal filter unit.*



**Unit :** 300 ml  
**Box :** 24 Pieces  
**Art. No. :** W130 109

**DPF ADDITIVE AND CLEANER**

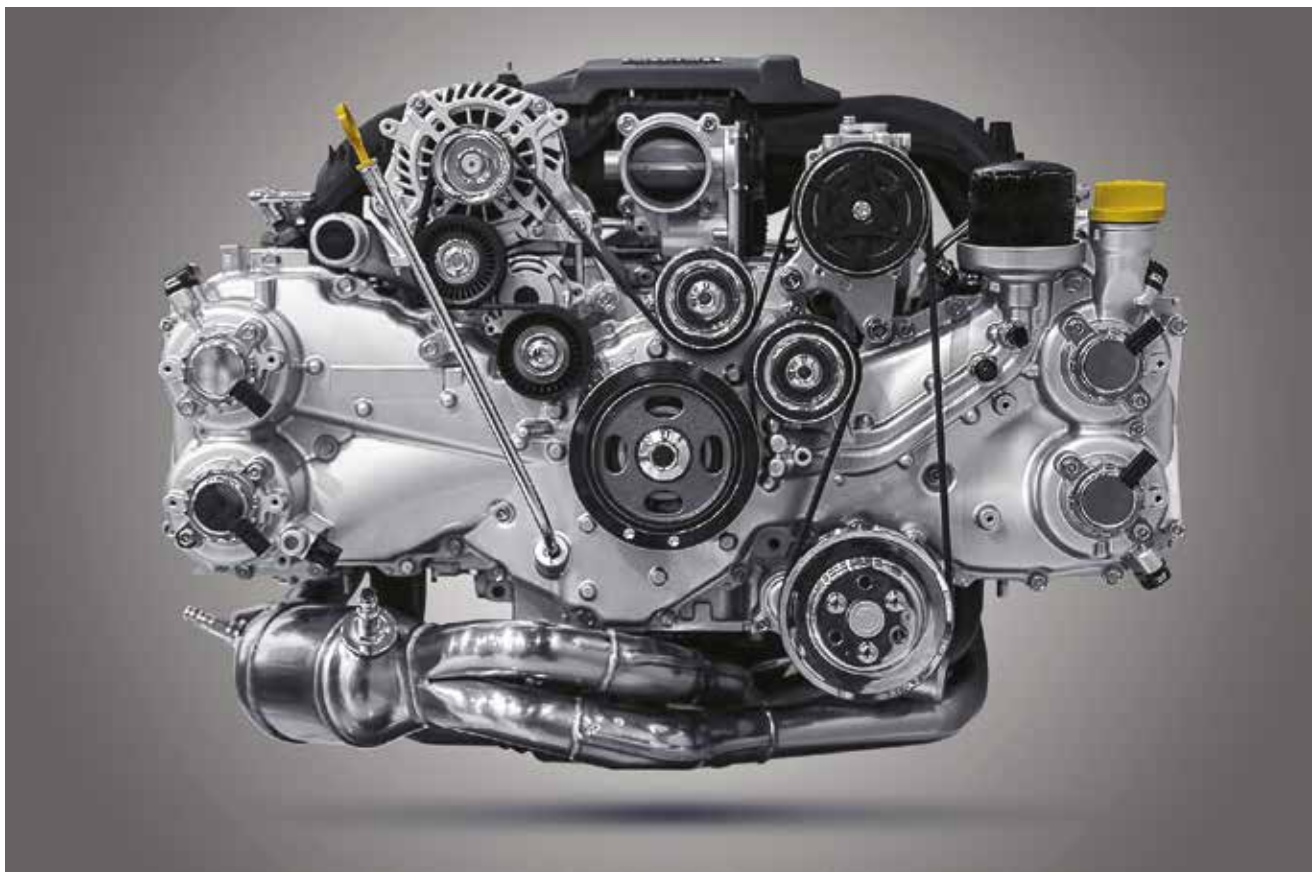
*Suitable for all diesel engines with diesel particle filter. It is used for cleaning and regeneration of filters. It prevents power loss and excessive fuel consumption due to clogged particle filters.*

**Unit :** 300 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 141

**OIL STOP LEAK**

*It prevents oil from leaking from the seals and eliminates expensive engine repairs. Reduces oil consumption. Supports the seals and their flexibility. It extends the service life of the engine and improves the viscosity of the engine oil. Improves engine performance by improving compression. Prevents or reduces blue smoke emissions. Reduces engine noise. Suitable for all gasoline, diesel and LPG engines with or without a turbocharger. It can be mixed with all engine oils sold on the market. It does not clog the filters and does not damage the catalysts.*

**Unit :** 300 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 165



**GASOLINE INJECTOR CLEANER**

*It wipes off the sediments. It is used to remove sediments from the injector heads and valves. Corrects the spray of gasoline. It provides the best gasoline/air mixture. It removes sediments in gasoline combustion chambers. It allows the engine to run better when the weather is cold.*



**Unit :** 300 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 114

**DIESEL INJECTOR CLEANER**

*It wipes off the sediments. It is used to remove sediments from the injector heads and valves. Corrects the spray of diesel. It provides the best mixture of diesel/air. It removes sediments in the diesel combustion chambers. It allows the engine to run better when the weather is cold.*



**Unit :** 300 ml  
**Box :** 24 Pieces  
**Art. No. :** W130 113

**ENGINE SYSTEM CLEANER**

*It is used in every oil change inspection, engine repair and oil sludge diagnosis. It dissolves dirt and mud sediments in the interior parts of the engine. It is used in all mineral and synthetic based engine oils. It can be used on catalyst and turbo and all petrol and diesel engines. Used for dirty engine oils and old oils. It has solvent-free active detergent content. The product can be used for loose compression in the piston rings region as well as in case of rattling of the hydraulic pusher and delayed oil change.*



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 106

**PARTICLE CLEANER SPRAY**

*It is used to eliminate failures and performance decreases caused by dirty diesel particulate filters. After the process, the filters are ensured to work at full capacity again. The EGR valve is also cleaned with the Particle Cleaner. It is used to remove ash and carbon residues from particle filters. Recommended with DPF TANK ADDITIVE to improve product performance.*



**Unit :** 500 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 101

**EGR CLEANER SPRAY**

*It is the best cleaner set for the intake system, throttle body, carburetor and idle valves. Effectively dissolves and removes fuel sediments, greases, oils, resins and dirt.*

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 139



**ENGINE STARTER SPRAY**

*Thanks to its special formula, it is a product that makes the engine easier to start in cold winter days. Suitable for all engine types. It is not corrosive. It does not leave chemical waste.*

**Unit :** 200 ml  
**Box :** 36 Pieces  
**Art. No. :** W130 127



**ENGINE CLEANER SPRAY**

*Removes dirt, oils, grease and stubborn stains on the engine. It gives the engine a shiny appearance and protects the engine. It does not damage electronic circuits and other painted surfaces, or any parts in the engine assembly. It easily reaches, penetrates and cleans the most difficult areas. It does not harm the environment, it is ozone-friendly. It does not contain silicone. Suitable for all engine types such as motorcycles, machines, lawnmowers, etc. on land, sea and aircraft engines.*

**Unit :** 500 ml  
**Box :** 24 Pieces  
**Art. No. :** W130 134





### **BATTERY POLE PROTECTIVE SPRAY**

*It is used for the maintenance of the battery poles, battery terminals and plug connections. Protects against corrosion, weather conditions and battery acid. Prevents contact resistance and voltage drop.*



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 140

### **RADIATOR CLEANER**

*It cleans the cooling system. Removes sediments from the cooling system. Used to improve reduced cooling performance during maintenance work on radiator cooling systems. It can be used as a protective measure when each cooling liquid is changed. (300 ml is sufficient for 10 lt. of cooling liquid.)*



**Unit :** 250 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 108



**INJECTOR- SPARKPLUG LOOSENER SPRAY**

*It has a strong cooling effect. (-40 °C). Easily loosens and disassemble parts such as rusted injectors and ignition plugs. It is a high-quality product based on mineral oils, graphite, solvents and high-tech additives. It is used to release injectors and ignition plugs in cars, trucks, in agriculture and industry. It is used to dissolve parts that have been painted and locked by exposure to heat, such as the injectors, ignition plugs and exhaust bolts.*

**Unit :** 500 ml  
**Box :** 12 Pieces  
**Art. No. :** W130 164



**AIR CONDITIONER CLEANING SPRAY**

*Provides long-term protection against the growing of unpleasant odors. It is used for cleaning and ventilation of air conditioning systems.*

**Unit :** 200 ml  
**Box :** 24 Pieces  
**Art. No. :** W170 118



**INTERIOR AIR CONDITIONING AND SYSTEM SPRAY**

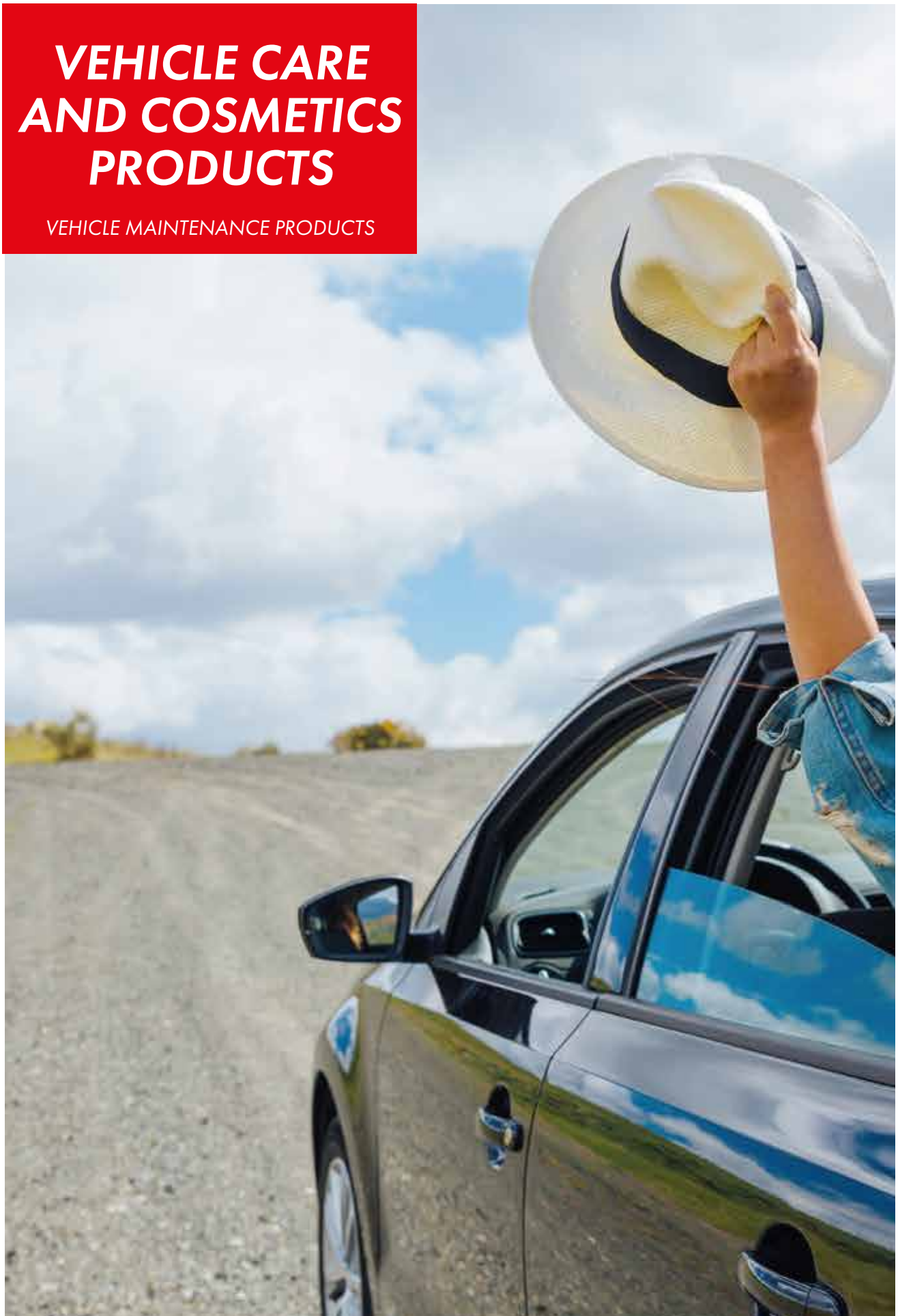
*It provides fast and efficient odor absorption for vehicle interior parts and air conditioning systems. Absorbs unpleasant odors that may be caused by bacteria and fungi in the vehicles' interior parts or ventilation ducts. It leaves a pleasant and fresh odor.*

<b>Unit :</b> 100 ml	<b>Unit :</b> 150 ml
<b>Box :</b> 24 Pieces	<b>Box :</b> 12 Pieces
<b>Art. No. :</b> W130 115	<b>Art. No. :</b> W130 100



# VEHICLE CARE AND COSMETICS PRODUCTS

VEHICLE MAINTENANCE PRODUCTS



**CONCENTRATED GLASS CLEANER**

*Dissolves and removes fly, wax residue, street dirt, oil dirt on the windshields of the vehicle. It does not damage rubber, chrome, plastic, aluminum and polished parts. It does not contain corrosive substances, corrosive substances, formaldehyde. Biodegradable. It has a nice smell. It is cost-friendly with its high concentration.*



**Unit :** 33 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 168  
**Smell :** Strawberry

**Unit :** 33 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 169  
**Smell :** Lemon

**Unit :** 33 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 170  
**Smell :** Lavender

**Unit :** 33 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 171  
**Smell :** Ocean

**AIR FRESHENER SPRAY**

*Air Purifier Spray is formulated to mask unwanted odors and refresh the interior parts by spraying directly on carpets, seats, ceiling coverings and vents. You can even apply it directly inside the vehicle so that it always smells fresh. Instant Deodorizing Effect. Leaves Interiors with Fresh and Clean Smell. Harmless to most surfaces. It does not cause slipperiness on the applied surface.*



**Unit :** 150 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 180  
**Smell :** Ocean

**Unit :** 150 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 181  
**Smell :** Melon

**Unit :** 150 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 182  
**Smell :** Pine

**Unit :** 150 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 183  
**Smell :** Vanilla

**Unit :** 150 ml  
**Box :** 25 Pieces  
**Art. No. :** W130 184  
**Smell :** Jasmine

**LCD CLEANER SPRAY**

*It is used to remove oil, nicotine, dust and other residues from all LCD and devices having a screen, keyboards, printers, photocopiers, etc.*



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W170 110

**COCKPIT SPRAY**

*Prevents wear, squeaks and noises on bumpers, slats, plastic rails, slots, door tires, rubber seals, plastic bellows, hoses, plastic and rubber parts. It provides convenience especially in assembly works. Visually beautifies the applied materials. Protects electrical connections against moisture with vinyl and plastic coatings. It is antistatic.*



**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W150 153



### HEAVY CUT COMPOUND - 101



Winkel 101 Thick Paste is a strong and fast-response paste developed for use on all paint surfaces. The product has been developed for use in removing connection scratches and finishing coat paints. According to the scratch condition before painting; P1200 or P1500 sanders, preliminary preparations with 1500 or 2000 wet sanders are recommended depending on the application site. THICK PASTE 101 removes scratches with a single movement when applied to fine and medium scratches, swirl like scratches and brings the paint back to its high gloss. THICK CAKE 101 does not contain silicone and ammonia. It can be used in all dark and light paints. It is recommended that the application to be conducted by dividing into areas (recommended for new paints).

**Unit :** 1 Lt  
**Box :** 12 Pieces  
**Art. No. :** W130 190

### MEDIUM CUT COMPOUND - 102



Winkel 102 Thick Paste is a polishing paste that has a very fast and strong effect on all paint surfaces. Can be used to remove light to medium scratches, car wash scratches, and oxidation. Eliminates appearance defects caused by medium and deep scratches and polishes the paint. Free of silicone or ammonia, easy to clean from the surface. It is recommended that the application to be conducted by dividing into areas (recommended for old paints).

**Unit :** 1 Lt  
**Box :** 12 Pieces  
**Art. No. :** W130 191

### FINISHING WAX POLISH POLYESTER - 103



Winkel 103 Polyester Surface Paste is an easy-to-use product that gives paints a new look, high quality long-lasting shine and protection. Easily removes bits of tar and simple scratches on the surface. It works on capillary scratches. It can be used with P800 sander. Its water-based formulation supported by emulsified hydrocarbon solvents enables it to have easy application and wiping properties. Usage Area: Specially developed for sunlight or worn car paints frequently. This product is also suitable for application on all kinds of surfaces, colored car paints and on chrome parts. It is used to achieve a perfect shiny effect on boats, caravans and campers. Shake before use.

**Unit :** 1 Lt  
**Box :** 12 Pieces  
**Art. No. :** W130 192

### POLISH FINE - 301



The WINKEL 301 Ripple Remover is a glossy wax paste developed for use on paint surfaces. The product can be used in topcoat paints to remove connection scratches. Winkel THICK PASTE 101, 102, 103 series gives brightness and eliminates oxidation with a complementary effect after use. Removes medium and capillary scratches, covers defects in paint surface, and brings paint back to high gloss. It does not contain silicone, wax or ammonia. It can be used to remove vortex marks. (Used as Ripple Remover). It can be used in all dark and light paint types.

**Unit :** 1 Lt  
**Box :** 12 Pieces  
**Art. No. :** W130 194

### HIGHGLOSS WAX - 501



WINKEL 501 Wax is a wax-based polymer structured product. With its high performance, it provides deep shine and permanent protection in topcoats or original paints in the automotive industry. The product, which contains rich non-reactive additives, has been specially developed for the long-term protection of painted vehicle bodies and parts. The WINKEL 501 Polish is in wax form and contains reactive weather resistant PTFE. It is a product that provides long-term protection against acid rain and industrial dirt. Paint brightening polish provides deep shine and a smooth surface. The product has a water-based formulation containing emulsified hydrocarbons. Contains non-volatile silicones. WINKEL 501 Polish can be used on all new, old and worn painted surfaces (do not apply on hot surfaces and under direct sunlight).

**Unit :** 1 Lt  
**Box :** 12 Pieces  
**Art. No. :** W130 195





**ANTIFREEZE WINDSHIELD FLUID FOR WINTER -63°C**

Concentrated antifreeze windshield fluid prevents water from freezing in the windshield tank of your vehicle in winter and ensures the quiet operation of your wipers with its high quality. It is specially formulated to remove oil, soot, dust, insect and fly residues and impureness caused by exhaust gases. Even in vehicles with high inclination windshields, thanks to its special cleaning materials, it ensures that the vision remains clear and accurate.

**Unit :** 500 ml  
**Box :** 20 Pieces  
**Art. No. :** W130 153



**ANTIFREEZE WINDSHIELD WASHER LIQUID - 35°C**

With its fragrance feature, it allows your windows to give off fresh smells. When you use windshield fluid in rainy weather, it provides a clear view and allows you to continue on your way. It removes oil, soot, dust, insect and fly residues and impureness caused by exhaust gases.

<b>Unit :</b> 250 ml	<b>Unit :</b> 1 L
<b>Box :</b> 24 Pieces	<b>Box :</b> 20 Pieces
<b>Art. No. :</b> W130 142	<b>Art. No. :</b> W130 133



**-56 °C ANTIFREEZE BLUE**

It protects the cooling system against freezing even in very cold weather conditions. Ensures engine performance remains at max. level.

<b>Unit :</b> 1,5 L	<b>Unit :</b> 3 L	<b>Unit :</b> 16 Kg
<b>Box :</b> 12 Pieces	<b>Box :</b> 6 Pieces	<b>Box :</b> Gallon
<b>Art. No. :</b> W130 129	<b>Art. No. :</b> W130 130	<b>Art. No. :</b> W130 131



**-56 °C ANTIFREEZE RED**

It protects the cooling system against freezing even in very cold weather conditions. Ensures engine performance remains at max. level.

<b>Unit :</b> 1,5 L	<b>Unit :</b> 3 L	<b>Unit :</b> 16 Kg	<b>Unit :</b> 1 Ton
<b>Box :</b> 12 Pieces	<b>Box :</b> 6 Pieces	<b>Box :</b> Gallon	<b>Box :</b> IBC
<b>Art. No. :</b> W130 118	<b>Art. No. :</b> W130 119	<b>Art. No. :</b> W130 123	<b>Art. No. :</b> W130 121



# VEHICLE BODY AND GLASS BONDING PRODUCTS

ELASTIC SEALANTS





**ADHESIVE IMPERMEABLE**

Single component, polyurethane based strong adhesive and filler material. White, gray, black. Provides insulation at joints and connection points in vehicle bodywork. Its surface can be painted.



<b>Unit :</b> 310 ml	<b>Unit :</b> 300 ml	<b>Unit :</b> 300 ml
<b>Box :</b> 12 Pieces	<b>Box :</b> 12 Pieces	<b>Box :</b> 12 Pieces
<b>Colour:</b> White	<b>Colour :</b> Grey	<b>Colour:</b> Black
<b>Art. No. :</b> W160 261-B	<b>Art. No. :</b> W160 261-G	<b>Art. No. :</b> W160 261-S

**ADHESIVE SEALANT - SAUSAGE**

Single component, polyurethane based strong adhesive and filler material. White, gray, black. Provides insulation at joints and connection points in vehicle bodywork. Its surface can be painted.



<b>Unit :</b> 600 g	<b>Unit :</b> 600 g	<b>Unit :</b> 600 g
<b>Box :</b> 20 Pieces	<b>Box :</b> 20 Pieces	<b>Box :</b> 20 Pieces
<b>Colour:</b> White	<b>Colour :</b> Grey	<b>Colour :</b> Black
<b>Art. No. :</b> W160 259-B	<b>Art. No. :</b> W160 259-G	<b>Art. No. :</b> W160 259-S

**WINZOL SEALING SPRAY (REPAIR SPRAY)**

A bitumen-free rubber-based resin. After drying, the adhesive forms a flexible protective coating and provides durability even at the highest atmospheric and mechanical stresses (for example, stone chip). It can be applied on wet surfaces. It can be used for water and corrosion insulation in underbody applications.



<b>Unit :</b> 500 ml	<b>Unit :</b> 500 ml	<b>Unit :</b> 500 ml	<b>Unit :</b> 500 ml
<b>Box :</b> 12 Adet	<b>Box :</b> 12 Pieces	<b>Box :</b> 12 Pieces	<b>Box :</b> 12 Pieces
<b>Art. No. :</b> W150 304	<b>Art. No. :</b> W150 305	<b>Art. No. :</b> W150 306	<b>Art. No. :</b> W150 308
<b>Colour:</b> Black	<b>Colour:</b> Grey	<b>Colour:</b> White	<b>Colour:</b> Transparent

**UNDERBODY AND STONE CHIP PROTECTION**

It is a rubber and resin based, bitumen-free underbody protection. The coating formed after the product has dried is an adhesive, elastic, a protective coating that is resistant to even the highest atmospheric and mechanical loads (e.g. large bouncing stones) is obtained. It has the effect of reducing roadborne noises. It can be painted over. It attaches to the applied surface with strong bonds. It has high abrasion and aging resistance, effective permanent elasticity and a fast drying time of about 2-4 hours. Impact Protective Plush Spray is suitable for all common surfaces. It is used especially after the repair of hard-to-reach areas such as niches, corners, edges, etc. and in the repair of underbody coatings. It is also used to coating of the interior of doors, tailgates, etc., thanks to its sound-reducing effect.



<b>Unit :</b> 500 ml
<b>Box :</b> 12 Pieces
<b>Art. No. :</b> W150 111

ZINC SPRAY (LIGHT)



Dry film product containing high-purity zinc powders providing long-term protection against corrosion in metals. Suitable for repairing damaged galvanized layer, coating, drilling, cutting and spot welding applications. It can also be applied as a protective primary coating for parts exposed to moisture. It has a temperature resistance of +300 °C. For homogeneous coating, shake the product for about 1 minute until the stirrer ball moves freely.

**Unit:** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W140 443

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ZINC SPRAY (DARK)



Anti-corrosion dry film product in metals with high metallic zinc content. It is a general purpose protection for surfaces that are desired to be protected against corrosion. It is paintable and resistant to salt water. Typical uses are steel and construction industry, engineering, shipbuilding industry and welding industry. For homogeneous coating, shake the product for about 1 minute until the stirrer ball moves freely.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W140 444

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PROTECTIVE WAX SPRAY



It creates a wax layer resistant to water and salt water vapor where it is applied. It is easy to remove from the surfaces. It provides protection against corrosion, especially overseas loads. It is also suitable for long-term protection in machinery and tools. The surface to be used should be clean and dry.

**Unit :** 400 ml  
**Box :** 12 Pieces  
**Art. No. :** W160 106

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PROTECTIVE WAX LIQUID



It creates a wax layer resistant to water and salt water vapor where it is applied. It is easy to remove from the surfaces. It provides protection against corrosion, especially overseas loads. It is also suitable for long-term protection in machinery and tools. The surface to be used should be clean and dry.

**Unit :** 30 L  
**Box :** Gallon  
**Art. No. :** W140 621



PU 50 WINDSHIELD ADHESIVE

PU 50 is a single component, fast drying, flexible and high-performance polyurethane adhesive formulated especially for vehicle glass bonding. Allows vehicles with airbags to enter traffic 2 hours after window bonding. It is widely used in the bonding of front, rear and side windows in automobiles, trucks, buses, tractors and heavy equipment. It is also used to bond the fibreglass-reinforced plastic parts of vehicles (roof, side and front panels). The PU 50 is ideal for all applications requiring strong, elastic-structural bonding of different material combinations (topcoat, metal sheets, fibreglass and reinforced plastic) subjected to strong mechanical or thermal stress.

**Unit :** PU 50 Glass Bonding Cartridge - 310ml  
DGX Primer - 30 ml  
Primer Brush  
**Box :** 12 Pieces  
**Art. No. :** W130 136



PU 50 WINDSHIELD ADHESIVE

PU 50 is a single component, fast drying, flexible and high-performance polyurethane adhesive formulated especially for vehicle glass bonding. Allows vehicles with airbags to enter traffic 2 hours after window bonding. It is widely used in the bonding of front, rear and side windows in automobiles, trucks, buses, tractors and heavy equipment. It is also used to bond the fibreglass-reinforced plastic parts of vehicles (roof, side and front panels). The PU 50 is ideal for all applications requiring strong, elastic-structural bonding of different material combinations (topcoat, metal sheets, fibreglass and reinforced plastic) subjected to strong mechanical or thermal stress.

<b>Unit:</b> 310 ml	<b>Unit :</b> 600 ml
<b>Box :</b> 12 Pieces	<b>Box :</b> 20 Pieces
<b>Art. No. :</b> W130 120-310	<b>Art. No. :</b> W130 120-600



DGX PRIMER

DGX Primer is a black primer specifically developed to improve the bonding of screen-printed vehicle windows in one-single step. Provides excellent adhesion of PU 50 (Polyurethane Auto Glass Bonding). It contribute to better adhesion of painted surfaces used in industrial installations, FRP, plastic, glass, aluminum and some metals to other materials.

<b>Unit :</b> 30 ml	<b>Unit :</b> 250 ml
<b>Box :</b> 25 Pieces	<b>Box :</b> 12 Pieces
<b>Art. No. :</b> W130 138-30	<b>Art. No. :</b> W130 138-250



# SPRAY PAINTS

Multipurpose acrylic spray paint has been developed for use indoors and outdoors and on a variety of surfaces. It dries fast and has superior covering quality. Creates a stable and durable film. It has a wide selection of ral codes with matte and glossy options upon request.

Dry film thickness is 13 microns in one coat. If more than one coat is applied, the thickness will increase.

<div>RAL: 9005</div> <div>JET BLACK GLOSS</div> <div>Art. No: W9005G</div>	<div>RAL: 9016</div> <div>TRAFFIC WHITE</div> <div>Art. No: W9016</div>	<div>RAL: 3000</div> <div>FLAME RED</div> <div>Art. No: W3000</div>	<div>RAL: 1007</div> <div>DAFFODIL YELLOW</div> <div>Art. No: W1007</div>	<div>METALLIC CHROME</div> <div>Art. No: W140 449M</div>
<div>RAL: 9005</div> <div>JET BLACK MATT</div> <div>Art. No: W9005M</div>	<div>RAL: 9010</div> <div>PURE WHITE MATT</div> <div>Art. No: W9010M</div>	<div>RAL: 3001</div> <div>SIGNAL RED</div> <div>Art. No: W3001</div>	<div>RAL: 1028</div> <div>MELON YELLOW</div> <div>Art. No: W1028</div>	<div>COPPER METAL</div> <div>Art. No: W140 442</div>
<div>RAL: 9005</div> <div>HT SPRAY PAINT BLACK</div> <div>Art. No: W9005HT</div>	<div>RAL: 9010</div> <div>PURE WHITE GLOSS</div> <div>Art. No: W9010G</div>	<div>RAL: 3002</div> <div>CARMINE RED</div> <div>Art. No: W3002</div>	<div>HT SPRAY PAINT GRAY</div> <div>Art. No: W9006HT</div>	<div>GOLD</div> <div>Art. No: W140 450G</div>
<div>RAL: 7016</div> <div>ANTHRACITE GRAY</div> <div>Art. No: W7016</div>	<div>RAL: 5012</div> <div>LIGHT BLUE</div> <div>Art. No: W5012</div>	<div>RAL: 3020</div> <div>TRAFFIC RED</div> <div>Art. No: W3020</div>	<div>FLUORESCENT PAINT RED</div> <div>Art. No: W0006F</div>	
<div>RAL: 9007</div> <div>GREY ALUMINIUM</div> <div>Art. No: W9007</div>	<div>RAL: 5015</div> <div>SKY BLUE</div> <div>Art. No: W5015</div>	<div>RAL: 5017</div> <div>TRAFFIC BLUE</div> <div>Art. No: W5017</div>		
<div>RAL: 9006</div> <div>WHITE ALUMINIUM</div> <div>Art. No: W9006</div>	<div>RAL: 7001</div> <div>SILVER GREY</div> <div>Art. No: W7001</div>	<div>RAL: 6005</div> <div>MOSS GREEN</div> <div>Art. No: W6005</div>		



For alternative colors, please request with your ral code.



**The Indispensable Part of the System**



[www.winkelgroup.de](http://www.winkelgroup.de)