

8650 Permanent Pro Easy On

8650 Permanent Pro Easy On is a high-performance, long-term ceramic coating for premium automotive paintwork and other suitable smooth surfaces.

The coating combines professional protection with exceptionally user-friendly application, making it suitable for professional detailers as well as experienced car-care enthusiasts.

With a water contact angle of approx. 113°, **8650** provides strong hydrophobicity with pronounced water beading.

At the same time, it creates an exceptionally smooth, silky surface with intense gloss. Under suitable conditions of use, care and weather exposure, this distinctive surface slickness is retained for an extended period.

The advanced ceramic protection technology is PFAS-free.

Once fully cured, 8650 forms a transparent, highly durable protective coating that bonds firmly to the surface.

Under optimal conditions, practical experience has shown durability of up to 72 months.

A particular advantage is its application: depending on ambient conditions, **8650** provides a generous working time of up to 5 minutes between application and buffing.

More time. More control. Less stress.

APPLICATION AREAS

- Cars and motorcycles
- Sports cars and luxury vehicles
- Classic cars
- Motorhomes and caravans
- Boats and yachts
- Private aircraft
- Wheels
- Painted and powder-coated surfaces
- Suitable metal and plastic surfaces

Before use on unknown or sensitive materials, test the product on an inconspicuous area.

Not suitable for automotive glazing.

PROPERTIES

- Professional, PFAS-free ceramic coating for premium automotive paintwork
- Approx. 113° water contact angle for strong hydrophobicity and pronounced water beading
- Exceptional, long-lasting paint slickness with enhanced gloss and colour depth
- Easy-to-clean effect for noticeably easier cleaning and maintenance

- High scratch resistance with a pencil hardness of up to 9H
- Transparent, highly durable protective coating with strong surface adhesion
- Long-lasting protection against typical everyday vehicle contaminants and environmental influences
- Under optimal conditions, practical experience has shown durability of up to 72 months
- Exceptionally user-friendly and controlled application – also suitable for professional applicators with less coating experience
- Working time of up to 5 minutes
- High coverage – approx. 25–75 ml per vehicle, depending on vehicle size, with professional application

The 4 Key Benefits

APPROX. 113° WATER CONTACT ANGLE

Strong hydrophobicity with pronounced water beading

The water contact angle of approx. 113° produces pronounced droplet formation and a clearly visible water-beading effect.

- Strong water beading
- Reduced surface wetting
- Pronounced hydrophobic properties
- Supports the easy-to-clean effect
- Easier cleaning and maintenance

LONG-LASTING SURFACE SLICKNESS

Exceptionally smooth, silky finish

8650 creates an exceptionally smooth surface with a premium, silky finish and intense gloss.

Under suitable conditions of use, care and weather exposure, this distinctive surface slickness is retained for an extended period. The smooth surface also reduces dirt adhesion and makes routine cleaning and maintenance easier.

UP TO 5 MINUTES WORKING TIME

More time. More control. Less stress.

Depending on temperature, humidity, substrate and the size of the treated area, 8650 provides a generous working time of up to 5 minutes between application and buffing.

This enables controlled application and reduces time pressure during the coating process.

This can reduce the risk of high spots (visible coating residue) and time-consuming rework. This exceptionally user-friendly application makes 8650 attractive to professional detailers and experienced car-care enthusiasts alike.

LONG-LASTING PAINT PROTECTION

Once fully cured, 8650 forms a transparent, highly durable protective coating that bonds firmly to the surface.

The actual durability depends on several factors, particularly professional surface preparation and application, vehicle use, weather and environmental conditions, as well as subsequent cleaning and maintenance.

Under optimal conditions, practical experience has shown durability of up to 72 months.

INDEPENDENTLY TESTED DURABILITY

The coating was subjected to 800 hours of artificial dry-heat weathering in an independent DEKRA laboratory with reference to MBN 51000-5.

Results after 800 hours:

- No visible changes
- Excellent adhesion: Gt 0 according to DIN EN ISO 2409
- Very low colour change: $\Delta E < 1$ according to DIN EN ISO 11664-4
- High gloss stability: only minor changes in the low single-digit percentage range

The test results demonstrate the high durability of the coating under the defined laboratory conditions.

BENEFITS FOR PROFESSIONAL DETAILERS

8650 combines professional coating performance with controlled application and excellent cost efficiency.

Depending on vehicle size, approx. 25–75 ml per vehicle is required for professional application.

8650 enhances the visual appearance of premium automotive paintwork, creating a brilliant finish with pronounced colour depth. Combined with the exceptionally smooth surface, this creates a finish that can be seen and felt.

PFAS INFORMATION

8650 is PFAS-free.

PRODUCT SPECIFICATION & CHEMICAL PROPERTIES

Property	Value
Chemical basis	Polysilazanes in a halogen-free organic solvent
Flash point	16 °C
Density	Approx. 0.92 g/cm ³
pH value	Not applicable
Odour	Ammonia-like
Colour	Clear, colourless
Consumption with professional application	Approx. 25–75 ml per vehicle, depending on vehicle size
Shelf life of the liquid	12 months when stored correctly
Storage	Store in a dry, cool and well-ventilated place; protect from moisture and direct sunlight; do not store above 25 °C.
Durability of the coating	Under optimal conditions, practical experience has shown durability of up to 72 months. Actual durability depends on substrate, preparation, application, vehicle use, maintenance, and environmental and weather conditions.

APPLICATION & PROCESSING

1. Preparation

- Clean the surface thoroughly
- Completely remove waxes, silicones and existing coatings
- If necessary, correct swirls, micro-scratches and paint defects before coating
- Prepare the surface with a suitable, water-free degreaser that evaporates without residue, e.g. anhydrous isopropanol (IPA, 100%). Allow it to evaporate completely before applying the coating.
- The surface must be completely clean, dry and free from dust and grease
- Do not apply to hot surfaces or in direct sunlight
- Ensure a low-dust and well-ventilated working environment
- Substrate and ambient temperature: +20 to +30 °C.
- Relative humidity: 40 to 60%.
- Apply only in a dry environment; prevent the product from coming into contact with water or moisture.
- Use only completely dry applicators and microfibre cloths; avoid contact with water or moisture during application.

2. Application

Wrap a thin microfibre cloth around a suitable applicator and apply a small amount of 8650 directly to the microfibre cloth."

"Place the microfibre-covered side of the applicator onto the surface and spread the coating thinly and evenly over a manageable section, working one section at a time.

3. Flash-Off and Buffing

Depending on temperature, humidity, surface and the size of the treated area, a working time of up to 5 minutes is available.

Then carefully buff off excess product with a clean, soft microfibre cloth. High pressure is not required.

At higher temperatures or high humidity, the optimum working time may be shorter.

CONSUMPTION

Professional application: approx. 25–75 ml per vehicle, depending on vehicle size

Actual consumption depends on vehicle size, surface and application method.

CURING

- Touch-dry after approx. 1 hour at 20 °C.
- Weather-resistant after approx. 8–12 hours at 20 °C; protect from water, moisture and contamination until then.
- Do not use aggressive cleaning methods during the full curing period.
- Full performance is achieved after approx. 5–7 days at 20 °C.

Controlled heat curing can shorten the process. The temperature and time specifications in the application instructions must be observed.

CLEANING & MAINTENANCE

The hydrophobic and exceptionally smooth surface reduces dirt adhesion and makes routine vehicle care easier.

For maximum long-term performance, we recommend suitable, preferably pH-neutral vehicle cleaners, gentle vehicle washing and high-quality microfibre cloths.

Highly abrasive cleaners and sponges should be avoided. Regular, appropriate cleaning helps preserve hydrophobicity, slickness and the easy-to-clean effect over the long term.

What does 9H mean?

The hardness of ceramic coatings is commonly expressed using the pencil hardness scale.

9H is the highest hardness grade on the commonly used standardised pencil hardness scale.

8650 achieves a pencil hardness of up to 9H.

This value describes the resistance of the cured coating to defined mechanical stresses. It does not mean that coated automotive paint is completely scratch-proof or protected against all forms of mechanical damage.

PACKAGING UNITS & VARIANTS

- **8650-50:** 50 ml bottle
- **8650-100:** 100 ml bottle
- **8650-500:** 500 ml bottle

SAFETY & TRANSPORT

8650 is a chemical coating intended for professional use. The current Safety Data Sheet must be observed when handling and applying the product.

DANGER. Highly flammable liquid and vapour. In contact with water releases flammable gases. Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction and may cause drowsiness or dizziness. Harmful to aquatic life with long-lasting effects.

Avoid the formation of aerosols; do not breathe vapours or aerosols. Where open handling cannot be avoided, provide suitable local exhaust ventilation.

Wear suitable chemical-resistant protective gloves, tightly fitting safety goggles or face protection, and appropriate protective clothing. Keep away from heat, hot surfaces, sparks and open flames. No smoking.

Avoid contact with water and moisture. Do not allow the product to enter drains, surface water or soil.

Read the Safety Data Sheet and application instructions before use.

HS Code 3208 9091 00