

8654 / 8659 Quick Gloss WB

Glass, Plastic, Metal Coating

PRODUCT DESCRIPTION

8654 Quick Gloss is a ready-to-use, water-based and low-solvent coating for the refinement and protection of smooth, non-absorbent surfaces – particularly automotive paint, boat coatings, plastics and high-gloss finishes. It produces a long-lasting glossy surface with a pronounced hydrophobic (water-repellent) and easy-to-clean effect.

8659 Quick Gloss Concentrate is the concentrated version of the same formulation and is intended for economical use in professional or industrial applications when diluted with demineralised water.

Both products are silicone-free, wax-free and PFAS-free, leaving a smooth, non-sticky surface with intense gloss and brilliant colour depth.

Applications

- Automotive paintwork (cars, lorries, motorcycles)
- Boat surfaces and marine coatings
- Exterior surfaces of motorhomes
- Aircraft exteriors
- Smooth plastic and composite surfaces
- High-gloss surfaces
- Final protective coating over nano sealants (e.g. 7650)

PROPERTIES

- Extremely easy application – a vehicle can be sealed in just a few minutes
- High gloss and intense colour depth
- Strong water-beading effect (easy-to-clean)
- Can also be applied to slightly damp surfaces
- Effective immediately after application – surface ready for use straight away
- Considerably more durable than wax- or silicone-based products
- UV-resistant, non-toxic, non-flammable
- Low VOC content (1–5%)
- Suitable for manual or machine application
- Can be reapplied at any time without issue
- Coating durability: approx. 6–12 months (depending on use and car-wash frequency)
- Ready-to-use, can be diluted: 30–50% (by weight) 7681, filled up to 100% with demineralized water

PRODUCT SPECIFICATIONS & CHEMICAL PROPERTIES

Property	8654 Ready-to-use	8659 Concentrate
Base	Water-based silane/siloxane formulation	Same chemistry, higher concentration
Active ingredient content	Approx. 10–20 %	Approx. 50–70 %
VOC content	1–5 %	1–5 %
Flash point	> 60 °C non-flammable according to CLP	> 60 °C non-flammable according to CLP
Layer thickness	approx. 1–10 µm typically 1–3 µm on car paint	approx. 1–10 µm
Density	approx. 1.0 g/cm ³	approx. 1.0 g/cm ³
pH value	Neutral (approx. 7)	Neutral (approx. 7)
Odor	Faint, neutral	Faint, neutral
Colour	Colourless to slightly opalescent	Colourless
Consumption	Approx. 10–15 ml/m ² (≈ 70–100 m ² per litre of ready-to-use solution)	Approx. 10–15 ml/m ² (≈ 70–100 m ² per litre of ready-to-use solution)
Processing temperature	+10 °C to +35 °C	+10 °C to +35 °C
Shelf life (liquid)	24 months (unopened)	24 months (unopened)
Storage	0–30 °C frost-free, protect from sunlight	0–30 °C frost-free, protect from sunlight
Durability of coating	6–12 months	After dilution, equal to the ready-to-use version 8654
Base	Water-based silane/siloxane formulation	Same chemistry, higher concentration
Active ingredient content	Approx. 10–20 %	Approx. 50–70 %

PFAS INFORMATION

8654 and 8659 contain no PFOA or PFOS and no intentionally added PFAS. The fluorine content is below the detection limit according to EU Regulation 2024/2462.

QUALITY STANDARDS - TESTS

- Hydrophobicity test: Strong beading effect, water runs off immediately
- UV & weather resistance: Gloss and colour remain up to 12 months
- Chemical resistance: Resistant to ethanol, salt water, mild acids and detergents
- Long-term test: Proven protection > 6 months / over 5,000 km mileage
- Eco profile: Water-based, low solvent content, VOC 1–5%, silicone-free

APPLICATION & PROCESSING

General

- Shake well before use
- Surface must be clean and free from wax, grease or polish residues
- Ideal application temperature: 5–35 °C
- Application possible on dry or slightly damp surfaces

Wipe application (recommended method)

- Spray a fine mist onto the surface
- Spread evenly with lint-free cloth (do not use microfibre cloths)
- Continue polishing until all droplets have disappeared
- Product is immediately active

Spray application (industrial use)

- Nozzle: 0.8–1.0 mm / Pressure: 0.6–1.0 bar / Distance: 15–25 cm
- Apply thin and even – no polishing required

Notes

- If drying too quickly or overdosing, white streaks may appear
- These can be corrected by lightly reapplying and polishing
- Avoid direct sunlight during application

DOSAGE (CONCENTRATE)

Dilution 1:1 (with demineralised water) – produces the ready-to-use version 8654 Quick Gloss.

Do not apply undiluted – an excessively high concentration can cause streaking.

CLEANING & MAINTENANCE

Aggressive cleaners are not necessary. Coated surfaces can be easily cleaned with water or mild cleaners (e.g. CCM Bio Cleaner Biosativa®). Do not use abrasive sponges or strong acidic cleaners. Regular gentle cleaning maintains gloss and durability.

PACKAGING UNITS & VARIANTS

- **8654-1 / 8659-1:** 1 litre bottle
- **8654-5 / 8659-5:** 5 litre canister
- **8654-20 / 8659-20:** 20 litre canister

SAFETY & TRANSPORT

- Classification: Not classified as hazardous under Regulation (EC) 1272/2008 (CLP)
- Personal protective equipment: EN 374 gloves for repeated contact, safety goggles if splashing occurs, ensure good ventilation
- Workplace exposure limits: Ethanol 500 ppm / 960 mg/m³, 2-Butoxyethanol 20 ppm / 98 mg/m³
- First aid: Eyes – rinse for 15 min; Skin – wash with water; Inhalation – fresh air; Ingestion – do not induce vomiting
- Firefighting: Dry powder, CO₂, water spray, alcohol foam; do not use high-pressure water jet
- Storage: Cool, dry, well-ventilated, away from oxidising agents, strong acids and bases
- Disposal: In accordance with local regulations; do not discharge into watercourses; WGK 1, TA Luft 5.2.5 (1–10), Storage class 10–13
- Transport: Not classified as dangerous goods according to ADR, IMDG, IATA

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