

Product Sheet

7654 WB Rapid On Multi Surface Protection

7659 (Concentrate)

Water based. Easy-to-use. Usable also as Finish for ALGT 640 & 7660

7654/7659 WB Rapid On creates an ultra-thin layer which bonds to the surface via an instantaneous electrostatic binding of billions of tiny silicium (silicon) molecules; comparable to the action of tiny magnets bonding to themselves and a ferrous substrate. As a result, microscopically small pores and capillaries are sealed and dirt particles and other impurities are unable to adhere to the now significantly smoother layer, and as a result coated surfaces are considerably easier to clean. In addition to providing an easy to clean surface, the coating is also highly hydrophobic and also provides an attractive glossy appearance. This coating can be used on almost all non absorbent surfaces such a shower screens, kitchen surfaces, bathroom surfaces , marine surfaces, windows, car bodywork and auto plastics. This is an exceptionally easy to apply coating which is ideal for commercial / facility management purposes and domestic application.

Key features

Application Temperature:	0 – 45°C
Coverage Rate per liter:	100m ²
Durability of the coating:	3-6 months
Shelf life of the liquid:	Concentrate: 1 year diluted with medical grade De Ionised water: 2 years.
Storage Temperature:	10 – 30°C (protect from sunshine)
Curing time:	5 minutes, immediately usable

Properties

- water-based
- solvent-free
- no odour
- excellent water-repellency
- high-gloss effect
- silky smooth surface haptic
- resistant to nearly all acids, solvents and domestic grade alkaline cleaners
- easy-to-clean effect (e.g. from impurities produced by insects, bird droppings, exhaust pollutants, and other aggressive stains)
- very easy to apply
- much more stable than waxes or silicon-oil-based products
- UV-resistant
- non-toxic
- non-flammable
- readily biodegradable (according to OECD criteria)
- high abrasion resistance against wind-borne particles
- significant overall reduction of re-soiling
- temperature resistant from -40 - +200°C
- ph resistant from 1-10



- not cytotoxic due to ISO 10993-5 + 12
- inhibit bacteria growth
- density about 1,00 g/cm³
- thickness of the layer: Appr. 40-50nm
- VOC free

Application

Thoroughly clean the surface. Spray or wipe the ready-to-use solution on to the target surface . It is suggested that an area of approximately 1m² is coated and then buffed, in sequence, in order to allow optimum application. Remove and surface misting (surplus coating) either by using water, or by wiping with a soft cloth or by polishing with a chamois.

7654/7659 WB Rapid On is ideal for use on

- cars (as stand-alone coating or as “finish” on top of our 640 coating, one liter covers 8-10 cars)
- boats
- household eg. for shower screens, window and door frames etc.
- stainless steel surfaces
- varnished and metallic surfaces
- glass
- synthetic materials
- rubber
- chrome
- Visors (ski goggles and motor cycle helmets, especially where there is concern about the use of solvent based coatings)

Tests

SMI Test

Sandwich Corrosion Test, due to ASTM F 1110
Acrylic Crazing Test, due to ASTM F 484 Type C
Paint Softening Test, due to ASTM F 502
Hydrogen Embrittlement Test, due to ASTM F 519-93

Boeing Certified

DuPont™ Marine Finishes

7654 products range - dedicated to the yachting sector have been tested over DuPont™ Marine Finishes Topgloss SF and DP6940 Imron® Super Flow HS Clearcoat. No negative effect on coating has been observed.

Customs code: 3402 9090, NDG

Concentrate

7659-1 coating: 3% = for 33,33 litres
maintenance: 1.5% = 66,66 litres

7654-1 1.000ml bottle
7654-200 200 litres barrel
7654-1000 1.000 litres IBC container