



OWATROL® RA.85

ALUMINIUM PAINT FINISH

Product description	RA.85 is a highly flexible, anti corrosive coating that possesses the deep penetrating and adhesion properties of OWATROL OIL*. RA.85 will restore rusted and corroded surfaces to an acceptable appearance to give lasting protection and greatly prolong the life of the treated surface. RA.85 has excellent abrasion resistance, withstands chemical attack and is ideal in aggressive climatic conditions where a high resistant finish is necessary. Originally developed for the shipping industry RA.85 became a favourite cargo hold coating; carrying approval for the carriage of grain.
Properties	<ul style="list-style-type: none">• Excellent resistance against the effects of the weather.• Safe to use in confined areas - Does not emit any dangerous fumes.• Withstand temperatures up to 175°C once cured.• Excellent light and heat reflecting properties.• Adheres exceptionally well to clean, bright metal.• Sand or shot-blasted surfaces do not require an immediate application - light rust coating will not affect its performance or the final result.• Use on all ferrous and non-ferrous metals - Aluminium, Copper, Steel, Iron...• Galvanised surfaces do not require weathering or pickling prior to application.• High gloss finish.• Highly elastic - Will not crack, peel or blister.
Basic uses	<ul style="list-style-type: none">• Interior and exterior.• Horizontal and vertical surfaces.• Gates, fences, structural steel, roofing, storage tanks, trailers...• Automotive parts - Exhaust pipes, bumpers, wheels...• Machinery, pumps, electrical, plumbing, boat bilges...• All wood surfaces.
Technical data	<p>Finish: Gloss. Vehicle Type: Owatrol Oil. Solvent Type: Solvent. Viscosity: Fluid. Specific Gravity (at 20°C): 0.958 ± 0.05 at 20°C. Physical State: Liquid. Solid Content: 49% ± 3. Flash point: > +60°C. Temperature Resistance (Fully Cured Dry Film): Up to 175°C. Shelf life: 2 years minimum in original unopened packaging. Container size: 0.5L, 2.5L, 20L. Colour: Silver. Drying Times: <ul style="list-style-type: none">• Touch Dry: 12 hours.• Full Dry: 24 hours, depending on temperature and humidity.• Re-coating Time: 24-48 hours. VOC: EU limit value for this product (cat. A/i): 500 g/L (2010). This product contains max 495 g/L VOC.</p>
Application tools	<ul style="list-style-type: none">• Brush.• Roller.• Airless Sprayer (0.4 mm x 80° @ 1860-2000 psi (128-138 bars)).
Good application practice	<p>Cover everything you do not wish to paint. Apply between +5°C and +35°C. Do not apply in direct sunlight or on to hot surfaces.</p>

Surface preparation	Surfaces must be clean, dry and free from oil, grease and other surface contaminants. Remove all scale; loose and flaking rust and old paint back to a sound surface and edge. Feather in any sharp edges. Surfaces exposed to chemicals (acids, alkalis or salt deposits) should be washed using copious amounts of water or steam cleaned. Severely contaminated surfaces should be cleaned using an appropriate solvent.
Application	Stir or shake can well before and during use. Do not thin. <u>New steel, aluminium or galvanised surfaces:</u> Prime new steel and galvanised surfaces with 1 coat of OWATROL OIL* and allow to dry 24 hours. Apply 1 coat of RA.85. For new metal surfaces subject to aggressive climatic conditions apply a 2nd coat. <u>Clean, lightly rusted or new unpainted rusty steel:</u> Apply 2 coats of RA.85 allowing drying time between coats. <u>Old severely rusted surfaces:</u> Apply wet on wet applications of OWATROL OIL* until rust is fully saturated and allow to dry. Saturation is indicated by a uniform glossy appearance to the surface when OWATROL OIL* is dry. Apply 2 coats of RA.85 allowing drying time between coats. <u>Previously coated surfaces:</u> Spot prime all exposed metal with OWATROL OIL* or 1 coat of RA.85 depending on severity of rust and allow to dry. Apply 2 coats of RA.85 over entire area; allowing drying time between coats.
Coverage	18 m ² per litre.
Maintenance	Maintenance is easy and frequency will depend on the conditions that the coated surface is exposed to. Thoroughly clean all surfaces to be coated ensuring any oil, grease and other surface contaminants are removed. Remove all loose and flaking material and feather in any sharp edges. Apply a single application of RA.85 to all areas where exposed metal or rust is showing through, allow to dry. If desired a further application of RA.85 may be applied to the entire surface.
Restrictions	No known restrictions.
Clean-up	Clean all tools and equipment with mineral sprits while still wet. If allowed to dry, remove with paint stripper. Store and maintain equipment as directed by manufacturer. NOTE: Any rags, steel wool etc soaked in RA.85 may spontaneously catch fire if improperly discarded. Rags, steel wool etc must be saturated with water after use or placed in a sealed, water filled metal container, before disposing with household waste.
Storage	<ul style="list-style-type: none"> • Left over RA.85 should be transferred to a smaller, airtight, closed metal or glass container. • Keep from freezing and high temperature.
General information	Every care is taken to ensure that the information provided in this technical data sheet is accurate. OWATROL International is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country. The information above is correct at the date of issue. All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.
Safety	Keep out of the reach of children. Do not breathe vapours. Avoid contact with skin and eyes. If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label. MSDS available at www.owatrol.com
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* Same manufacturer