DUPLI-COLOR Alkyton RAL COLORS, SPECIAL COLORS

Technical Information



DUPLI-COLOR ALKYTON is an anticorrosive, alkyd-urethane-based paint system, which combines four products in one: primer, rust protection, paint and sealing. This paint with very good coverage is extremely flexible and shock-proof, even during changing temperatures and deflection. The very high pigmentation in the paint results in the excellent coverage with an efficiency of approx. 10.5 m² per litre in one coat.

Ord.-no: 245435, 246203, 365942, 365959, 365973, 365980, 365997, 372100, 372117, 415210, 245411, 245428, 245442, 245459, 245466, 245473, 245480, 245510, 245527, 245534, 246104, 246111, 246128, 246135, 246142, 246166, 246173, 269707, 308550, 308567, 313868, 313875, 313899, 313998, 314001, 314018, 314025, 314032, 314049, 314056, 314063, 314070, 316845, 365966, 367298, 367304, 367311, 367328, 386640, 386657, 406171, 406195, 419119, 419126, 419133, 419140, 419157, 419188, 366000, 245497, 245558, 366017, 245503, 245565, 406201, 406188, 246180, 270024, 367335, 270000, 270031, 270017, 270048, 269721

Quality & properties

Urethane-modified alkyd paint system
Contains rust protecting pigments
Free of lead and chromates
High flexibility and resistance to shock by changing temperatures or deflection
Generates a long continuing protection against weathering on the surface

Physical & chemical data

Base: Alkyd resin
Colourname:
- reseda green
- jet black
- deep black
- moss green
- flame red
- white aluminium
- pure white
- chocolate brown
- gentian blue
- light grey
- chrom yellow
- traffic red
- iron grey
- pebble grey
- cream
- schok brown
- green
- mossg satin
- mint green
- silver grey
- schok satin
- anthracite grey
- deep orange
- silver
- black anthrazite
- DB 703 iron mica grey
- copper
- brown
- black

Smell: Characteristic
Dry to touch: 2 h
Overcoatable:
- 16 h
- 16 min

Surfaces:
- grate (derust manually), steel, primer, wood and well-adhering old paintings. For indoor and outdoor applications
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Minimum Working Temperature: 5 °C
Maximum Working Temperature: 35 °C
Flash point:
- 39 °C

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- 39
- n.a.

Storage stability:
- 5 m
- 5 years

Content:
- 750 ML
- 2,50 L
- 250 ML
- 937 ML
- 1,00 L

How to use

Remove oil, grease and all other surface contaminations by alkaline or high pressure (steam), cleaning in combination with appropriate detergents. Remove rust scale, loose wood splints, loose rust and loose coatings. Use depending on necessity a wire brush, sand blasting or sand paper. The surface must be clean and dry during application.
Galvanised, Zinc and Aluminium surfaces have to be primed with a DUPLI-COLOR GALVINOL.
To ensure homogeneity, the lacquer should be thoroughly stirred prior to use. DUPLI-COLOR ALKYTON is intended for brush or roller application and can also be applied by compressed- air spraygun.
Brush: Up to 10 vol. % synthetic thinner; use natural bristles, long hair brushes.
Roller: Up to 10 vol % synthetic thinner; use short nap, polyamide (Perlon) 6 – 12 mm rollers. Roller application may require 2 coats to achieve recommended dry film thickness.
Spraygun: 10 - 25 vol. %: synthetic thinner
Gravity cup and pressure cup. Tip size: 1,0 - 1,5 mm.
Atomising pressure: 2 - 4 bar.
Cleanup: Use synthetic thinner
Temperature of air, substrate and coating material: between 5° and 35 °C
Relaitve air humidity: below 85 %
Substrate temperature: at least 3°C above dew point.
Opitimal (maximal) layer thickness per layer: 55 (75)) µm dry paint film; corresponds to 100 (135)) µm wet paint film

Environmentally sound

European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal

Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as “special refuse”.

Marking/Labelling

All products made by European Aerosols comply with the actual labelling regulations according to Preparation Guideline 1999/45/EG. All aerosols correspond to TRGS 200 and TRG 300 as well as to aerosol guideline 75/324/EWG in the actually valid version.

As of August 4, 2025 – This release replaces all eventually earlier issued versions.

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