



Agrideck Adhesive Primer



PRODUCT CODE: 9541

Description

Agrideck Adhesive Primer is a universal fast-drying Adhesive Primer on the basis of a unique combination of binders. Specially developed for application on a variety of substrates such as metal, non-ferrous metal, plastic, etc. (see 'substrates').

Features

- excellent adhesion to various substrates
- fast-drying
- resilient and weather resistant
- excellent water resistance
- high filling power
- cures to a hard finish
- suitable for brush and spray application

Uses

As Adhesive Primer, both indoors and outdoors, on various (difficult) substrates. As substrate for Agrideck Enamel and on heavy equipment, such as agricultural machinery, earthmoving machines, forklift trucks, tractors and implements.

N.B.: For heavy rust we recommend using AGRIDECK Zinc Phosphate Primer, which is specially developed for this purpose, and contains active anticorrosive pigments.

Specifications

(at 20°C)

Finish	: matt
Gloss level (60°)	: n.a.
Colour	: white
Theoretical coverage	: approx. 10m ² /l. at 40 µm dry film thickness
Specific gravity	: 1.20 g/ml
Solids content	: 60% wt. / 38% vol.
Flash point	: 40°C
Application conditions	: min. 5°C / 80% R.H.
VOC content	: 487 g/l
Shelf life in can	: min. 1 year in original unopened packaging (5 – 25°C)

APPLICATION INSTRUCTIONS



Surface preparation

The surface must be completely clean, dry, and grease-free. Remove rust and mill scale. Remove loose material, then sand previously painted surfaces.

See also page 2: additional information.



Viscosity and thinning

Agrideck Thinner
Max. 5% for brush application
Max. 10% for spray application

Air spray

Nozzle 1.5, 3 to 4 bar
30 – 35 sec. DIN cup 4

Airless

Nozzle 0.009 – 0.0011
100 – 120 bar
40 – 60 sec. DIN cup 4



Spraying instructions

Within 1 – 2 cross-coats.

Recommended film thickness

Min. 150 µm wet
Min. 70 µm dry

Tool cleaning

Agrideck Thinner



Drying times

Touch-dry
Tack free
For overcoating

approx. 1 hour
approx. 2 hours
approx. 4 hours with regular
enamels and approx. 24 hours
with nitro lacquers

For sanding

approx. 4 hours and after curing



Data at 20°C
and 65% RH



Substrates

intact existing paint layers
iron, steel and zinc-plated steel
zinc and aluminium
wood
plastic
masonry and plaster

Additional Information

General preparation

Pre-sand hard plastic that has a smooth surface. Thin the first layer applied to wood, to ensure better penetration into the grain. The moisture content of wood and other surfaces must not exceed 15%. Remove any wax layer that may be present on MDF and hardboard using nitro thinner. Smooth off any sharp edges. First fill any open joints or cracks. If in doubt, always paint a test area first.

Preparation of steel and iron

Remove rust and mill scale using hand tools or grit blasting, to surface quality SA 2.5. Apply a layer of Agrideck Adhesive Primer immediately after grit blasting.

Preparation of zinc and zinc-plated steel

First clean thoroughly using Zinc Cleaner, followed by a clean water rinse. Once dry, apply a layer of Agrideck Adhesive Primer.

Hard plastic

First clean thoroughly, followed by a clean water rinse. Once dry, sand off to be sure of good adhesion. Then apply a layer of Agrideck Adhesive Primer.

Warning/restricted applicability

Considering the great diversity of purpose-specific aluminium alloys available in the market, it is impossible for us to recommend a single coating system that will apply to all kinds of aluminium. Our product data is generally based on pure, unalloyed aluminium, also known as the 1000 series.

Safety

See the appropriate safety sheet

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INDUSTRIAL COATING & COLOURANT SYSTEMS

N.B. De technische gegevens in deze publicatie steunen op onze huidige kennis. Zij gelden als aanduiding en leveren u vrijblijvend een beeld van de toepassingsmogelijkheden van onze producten. De gegevens kunnen door een recentere uitgave gewijzigd worden.

Please note: The technical data in this publication are based on our current knowledge. These should be regarded as indicative, providing an impression of possible applications of our products without obligations. The data may be updated or changed in future editions.