

# ALPOTECT PHOSPHATGRUND 5100-00

Solvent-based 2C-EP primer with active corrosion protection

ALPOTECT PHOSPHATGRUND 5100-00 is a solvent-based 2C-EP primer with active corrosion protection.



## TECHNICAL DATA

<b>Fields of application</b>	Balcony elements, Fences, Garden furniture, Bicycle, Machinery, Steel constructions, Transportation equipment
<b>Binder</b>	Epoxy
<b>Solids</b>	Approx. 71% by weight
<b>Theoretical spreading rate</b>	100-120 g/m <sup>2</sup> ; 9.0 m <sup>2</sup> /kg
<b>Colours</b>	Certain colours are delivered from stock.
<b>Hardener</b>	Comp. B: ALPOTECT 5103-99
<b>Mixing ratio (A:B)</b>	5:1 parts by weight
<b>Pot life, +23°C</b>	8 h
<b>Thinner</b>	ALPOTECT 3000-98
<b>Density</b>	Approx. 1.433 g/ml
<b>Storage</b>	Storage temperature is +5°C - +30°C. Store in a tightly closed container.

## DIRECTION FOR USE

<b>Surface preparation</b>	Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Strip, sandblast Completely remove loose existing coatings, sand adhering existing coatings well.
<b>Application method</b>	Conventional spraying, Airless spraying, Air-assisted airless spraying For hot-dip galvanised substrates, allow the primer to dry for at least 12 hours before overcoating.

**Application**

Stir or shake the product well for several minutes before use, if necessary by machine.

APPLICATION ADVICE					
Steel, galvanized steel					
	Product			Applied Quantity	
Primer	ALPOTECT PHOSPHATGRUND 5100			1-2x 50-100 µm	
Recoating	FEYCRYL SP / SG 5398			1-2x 30-60 µm	
Aluminium sheet metal					
	Product			Applied Quantity	
Primer	ALPOTECT PHOSPHATGRUND 5100			60-80 µm	
Recoating	FEYCRYL SP / SG 5398			1-2x 30-60 µm	
For further application proposals please ask our representative.					
APPLICATION					
	Viscosity DIN 4 mm	Dilution	Nozzle in mm	Pressure in bar	Spray Cycles
Gravity Feed Gun	25-30"	5-15%	1.5-1.8	3-5	1-2
Suction Cup Gun	25-30"	5-15%	1.5-1.8	3-5	1-2
Airless / Airmix Spray Application	25-30"	5-15%	1.5-1.8		1-2

**Application conditions**

Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C.

**Drying time**

+23°C / 65% RH

**- dust free**

after 30 (20) minutes

**- touch dry**

after 180 (60) minutes

**- overcoatable**

after 45 (30) minutes

**- through dry**

after 12 (8) hours

**Cleaning**

Wash the equipment immediately after use. UNIVERSALREINIGER U 8600-98 or ALPOTECT 3000-98.

**HEALTH AND SAFETY****Safety and precaution measures**

See safety data sheet.

**First aid**

We recommend wearing personal protective clothing even in cases where no local regulations are in force.

CH: The precautions according to local regulations (SUVA) with respect to hygiene and equipment must be observed.

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