



QUICK DRYING POLYURETHANE PRIMER

AP21

CHARACTERISTICS

This primer is for use on surfaces, which will be lacquered (seating, mouldings, various fittings).
It dries very quickly, has an optimum sanding quality and covers very well.

PHYSICAL CHARACTERISTICS

Hardening mechanism: Reaction between compounds A and B
Density: Base: 1.288
Hardener: 0.975
Dry extract: Base: 67% \pm 2%
Hardener: 25% \pm 1%
Catalysed product: 53% \pm 2%
Flash point: 18°C (base) / -4°C (hardener)
Viscosity: Base AP21: 65 sec \pm 2 sec
Resistance: AP21 layer: $5 \cdot 10^7 \Omega \cdot \text{cm}^{-1}$
Drying in a hot air tunnel: 45 min to 1 hour
(25 – 60 °C)
Practical coverage: 8 m²/l

PREPARATION OF THE SURFACE

On new polyester: Clean the polyester with the de-waxer/grease remover **DCR900** and leave to dry. Remove the glaze from the gel coat and then apply the primer **AP21**.

On old dual component polyurethane lacquer: Sand the lacquer. Remove the dust and apply **AP21** primer. This primer can be applied directly to polyester, epoxy surfaces or dual component polyurethane lacquers.

PREPARATION OF THE PAINT

Mix the product well before mixing the two compounds.

Mixture proportions by weight:

Compound A: 100 parts
Compound B: 23 parts
Thinner for AP21: 10 to 20 parts

Mixture proportions by volume:

Compound A: 100
Compound B: 30

Only add the thinner after having mixed the compounds A and B

Thinner for spray-gun: **Thinner for AP21** (ex D210)

Time needed for the mixture to mature: 10-15 minutes

Application viscosity: 25 seconds \pm 2 seconds

Length of catalysed pot life: 4 hours

APPLICATION

Apply 1 to 2 coats 100 microns of the primer **AP21** with a 30 minutes to 2-hours interval. Leave to dry for at least 4 hours at 20°C before sanding and applying the lacquer **SL2**

CHARACTERISTICS FOR USE

	Spray Gun	AIRLESS	ELECTROSTATIC	CURTAIN
1 st layer g/m ²	120-150	120-150	100-120	120-150
2 nd layer g/m ²	120-150	120-150	100-120	120-150
g/m ² maximum	300	300	300	300
Dilution	10-20%	10-20%	10-20%	10-20%

Drying at ambient temperature 20°C:

In a dust free environment: 10 min

Dry to touch: 40 min

Bone -dry: 4 h

Interval between 2 coats

Without intermediate rubbing down:.....30 min to 2 h

Can be sanded (minimum):After 1 h

Can be covered:After 4 h

PACKING AND STORAGE

Packaging : 750 ml, 2.5 litres and 16 litres

Storage :Compound A: 8 months / Compound B: 4 months.

PRECAUTIONS FOR USE

Keep out of reach of children. Use protective gloves and clothes as well as solvent-protective masks.

Work in a ventilated area; an accumulation of solvents can catch fire if exposed to a naked flame or a spark.

HEALTH AND SAFETY

See data sheet

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