

# TECHNICAL INFORMATION

ClayPeel BLUE Article-No. 8434-3 – ClayPeel SILVER Article-No. 8434-81

ClayPeel blue/silver is a grounding for temporary lacquering of clay models. This lacquer creates a flexible and peelable film on styling clay. After the lacquer has dried, the film can be peeled off without damaging the clay surface of the model.

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Ingredients:	waterbased solvent-free synthetic resin
Color:	blue and silver
Temperature range:	max. 30°C/86°F in liquid condition
Storage temperature:	5°C/41°F - 30°C/86°F, avoid temp. below 0°C/32°F
Shelf life:	2 years unopened

Toxicology:	ClayPeel is toxicologically harmless, certified by ACMI, USA.
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Drying time:	depends on film thickness and number of layers
Thinner:	thin with water
Clean-up:	remove wet ClayPeel with water. Fully dried ClayPeel can be either peeled off or removed using water and a sponge. Scrub hands with soap and water.

Coverage:	approx. 2 m <sup>2</sup> per 750 ml (package) with 2 layers
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Sales info:	1 pc = 750 ml; 12 pcs in carton; 360 pcs on pallet
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Please note the lacquering recommendations on page 2 or under [www.industrial-products.com/lacquering-recommendations](http://www.industrial-products.com/lacquering-recommendations)

# LACQUERING RECOMMENDATIONS ClayPeel

## SURFACE STAEDTLER Industrial Styling Clay

ClayPeel BLUE Article-No. 8434-3, ClayPeel SILVER Article-No. 8434-81

### PRETREATMENT / CLEANING:

Clean, dry, dust-free, silicon-free  
(NB: Silicone removers may damage surface of the clay)  
Wipe over the surface to be lacquered with a tack cloth



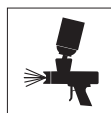
Clean

### STEP 1: ClayPeel

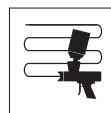
ClayPeel blue 8483-3 or ClayPeel silver 8483-81

Spray gun: SATA JET 3000  
Nozzle: 2.0 mm  
Pressure: 2.0 - 2.5 bar

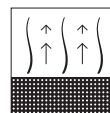
1. Apply semi-dry mist cross-coat
2. Allow to air dry until surface is matt in appearance (max. 45 min)
3. Apply a generous full cross-coat
4. Drying time 100% 3 - 4 hours



Flow-up  
gun



Flow-up  
spraying



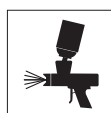
Air dry

### STEP 2: Clear varnish

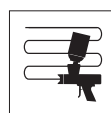
Standex K 9530 VOC Express Clear Article-No. 4024669 84 143 5

Spray gun: SATA JET 3000  
Nozzle: 1.2 - 1.4 mm  
Pressure: 2.0 - 2.5 bar

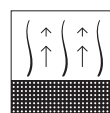
1. Apply generous, even and overlapping cross-coat
2. Allow to air dry until the surface is slightly tacky to the touch
3. Apply generous, even and overlapping second cross-coat
4. Allow to dry at 18-22°C for 8 - 10 hours



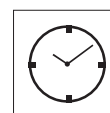
Flow-up  
gun



Flow-up  
spraying



Air dry



Drying time

### STEP 3: Sand clear varnish

3M superfine sanding sponges or 600-1000 grain by hand

1. All areas to be varnished must be sanded thoroughly
2. Clean surface with silicone remover and cloth



Sand by hand,  
dry



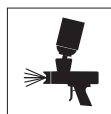
Clean

### STEP 4: Coloured lacquer (base coat)

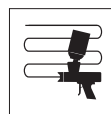
Standohyd water-based lacquer

Spray gun: SATA JET 3000  
Nozzle: 1.2 - 1.3 mm  
Pressure: 2.0 - 2.5 bar

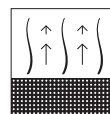
1. Apply semi-dry mist cross-coat
2. Allow to air dry until surface is matt in appearance
3. Apply a generous full cross-coat
4. Allow to dry for 30 - 40 minutes



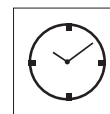
Flow-up  
gun



Flow-up  
spraying



Air dry



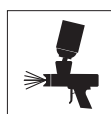
Drying time

### STEP 5: Clear varnish

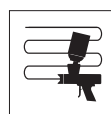
Standex K 9530 VOC Express Clear Article-No. 4024669 84 143 5

Spray gun: SATA JET 3000  
Nozzle: 1.3 - 2.0 mm  
Pressure: 2.0 - 2.5 bar

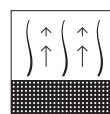
1. Apply generous, even and overlapping cross-coat
2. Allow to air dry until surface is slightly tacky to the touch
3. Apply generous, even and overlapping second cross-coat
4. Allow to dry at 18-22°C for 8 - 10 hours



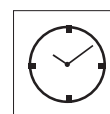
Flow-up  
gun



Flow-up  
spraying



Air dry



Drying time