



## TIPS FOR PAINTING JOTUN PIONER TOPCOAT OVER JOTUN VINYGUARD SILVERGREY 88

This sheet should be read in conjunction with the Pioneer Topcoat data sheet & application guide which gives details of physical properties, film thicknesses, drying times and overcoating times.

Both Vinyguard and Pioneer are what are known as physically drying paints. This means they dry purely by evaporation of the xylene solvent in the paint. Once dry, they form a hardwearing, water resistant surface.

If the xylene solvent is added back to dry Vinyguard or Pioneer, the paint re-liquifies and then dries again once the solvent has evaporated. This has implications when you are painting the Pioneer Topcoat over the Vinyguard. A positive effect is that the solvent in the Pioneer very slightly dilutes the Vinyguard and the two coatings physically key into each other. This means that the topcoat will never flake off the Vinyguard as the layers of paint are bonded together. In future years, when you want to repaint the Pioneer, no rubbing down is required to get a key as the new paint will automatically bond to the old. The only preparation that is required is to make sure that the surface is dry and clean prior to painting.

- In winter make sure the paint is at room temperature (20°C) before you use it. Do this either by storing the paint in a warm place before use, or by warming the tin (tightly closed!) in a bucket of hot water. The paint won't be so thick and it will flow better.
- Stir the paint thoroughly before use.
- Don't thin the paint unless you are spraying.
- Don't paint in direct sunlight on a hot day. If unavoidable, then add up to 10% thinners to compensate for evaporation.
- Don't paint when it's windy. If unavoidable, then add up to 10% thinners to compensate for evaporation.
- Don't paint outside if there is a risk of rain within 2 hours of completing the job.
- Don't paint if there is a risk of condensation forming on the surface. This is particularly likely when painting steel in late afternoon when the surrounding temperature may drop quite suddenly.

### **BRUSHING/ROLLING**

It is important not to "overwork" the brush or roller on the same area when painting Pioneer over Vinyguard. Doing this will cause too much re-dilution of the Vinyguard primer coat, which will then start to show through the Pioneer.

- Don't pick up too much paint. More frequent dipping and less brushing out will produce better results.
- Don't use more than a couple of brush/roller strokes on each area before moving on.
- Don't go back and brush over areas that are drying as the brush/roller will drag, pulling off the paint. Leave unsatisfactory areas for 20 minutes and then apply another coat.
- Don't apply too much pressure.
- Apply 2 coats Pioneer - don't try and cover with one coat. When you apply the second coat, the paint will cover well.
- Make sure you have the right sized brush for fiddly areas.

### **SPRAYING**

It is possible to achieve much better results with Pioneer Topcoat through spraying than with a brush or roller. Airspray, pressure pot, HVLP or high pressure airless spray may be used.

Airspray will produce a smoother finish than airless spray as the droplet size is significantly smaller. Using airspray the paint may be thinned a maximum of 25%, to improve flow. Start with 10% thinners and increase if required. The optimum amount of thinning is dependent on temperature and wind conditions. Jotun Thinners No.7 **must** be used to thin the paint. Do not use white spirit, turps, or any other Jotun thinner.

#### **Airless spray settings:**

Pressure at nozzle: 2100psi  
 Nozzle tip: 0.46-0.66mm (0.018-0.026")  
 Spray angle: 40-70°

#### **Airspray settings:**

Pressure at nozzle: 30-35psi  
 Nozzle tip: 1.0-1.2mm (0.040-0.047")  
 Spray angle: 40-70°