



MANUFACTURING INNOVATIVE
SOLUTIONS FOR OVER 125 YEARS

the perfect finish
SINCE 1898

ISF TECHNICAL DATA SHEET

Steri-Guard SG3 PU - CLEAR



FEATURES

- Non biocide "safe to use" highly resistant hygienic coating
- Surpasses BS6250 Severe Use - Stain & Chip resistant
- Good flow & film clarity produces a superbly smooth finish
- Hardwearing with good mar & water resistance

USES	High quality interior joinery, furniture and certain types of Plastic (ABS, Polyurethane & Polycarbonate).
TOPCOAT	Steri-Guard SG3 PU Clear 10% Steri-Guard SG3 PU Clear 25% Steri-Guard SG3 PU Clear 50% Steri-Guard SG3 PU Clear 90%
TOPCOAT CATALYST	RP1 No.1 Catalyst
BASECOAT	Steri-Guard SG3 PU Clear Sealer
BASECOAT CATALYST	RP1 No.1 Catalyst
THINNER FOR SYSTEM	RPT (PU) System Thinners No 31 Anti Bloom Retarding Thinners
CLEANER FOR EQUIPMENT	ISF Spray Gun & Brush Cleaner
APPLICATION EQUIPMENT	Conventional airless / airmix or HVLP spray equipment.
MIX RATIO	Steri-Guard SG3 PU Clear Lacquer - 4:1 Steri-Guard SG3 PU Sealer Clear - 4:1



APPLICATION PROCESS

Stir & mix the products well prior to use. Once mixed with Catalyst the viscosity may be adjusted with Thinners by up to 10% volume.

Apply a light coat of Steri-Guard SG3 PU Sealer Clear, allow to dry & de-nib.

Apply another sealer coat as necessary.

Then after a further de-nib, apply a full even wet coat of Steri-Guard SG3 PU Clear Topcoat & allow to dry.

For colour shading Topcoat may be tinted with 'ISF 300 Range Woodstain', up to a maximum 5% by volume.

FURTHER INFORMATION

As the catalyst contains isocyanate the use of air-fed masks is required whilst spraying.

Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.

Catalyst should be used within 6 weeks of delivery.

Once opened the catalyst MUST be used within 7 days.

*Please ensure that the total system film thickness (DFT) does not exceed 150 microns.

CLEANING & MAINTENANCE

Clean regularly with a soft dry cloth. When needed wipe with a moist cloth. Neutral cleaning detergents or household cleaners with low amounts of alcohol or waxes can also be used.

To meet the guidance of the drying times stated below the operation Temperatures of both the environment and product will need to be within 18°C - 20°C.

Lower or higher Temperatures of either the environment or product will have an impact on the stated drying times. Please speak with the Technical Team on how to manage any adverse changes.

Storage Temperatures should be maintained above 5°C.

Coverage	Touch Dry	Recoat Time	Max Resistance	Pot Life	Mix Ratio	Shelf Life	Pack Size
8-10 Sq.m/lt	20 mins	60 mins	7 Days	8 hours	4:1	12 months	5 & 25lt

HARDNESS



ENVIRONMENTALLY FRIENDLY



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