



MANUFACTURING INNOVATIVE
SOLUTIONS FOR OVER 125 YEARS

the perfect finish
SINCE 1898

ISF TECHNICAL DATA SHEET

Steri-Guard SG2 AC - CLEAR



FEATURES

- Non biocide "safe to use" hygienic coating
- Fast drying for speedy production schedules
- Quick drying with good flow & mar resistance properties
- Good flow & film clarity. Easily re-coatable

USES	Interior joinery & furniture.
TOPCOAT	Steri-Guard SG2 AC Clear 10% Steri-Guard SG2 AC Clear 25% Steri-Guard SG2 AC Clear 35% Steri-Guard SG2 AC Clear 50% Steri-Guard SG2 AC Clear 90%
TOPCOAT CATALYST	AC2-Lo (low odour) Catalyst
BASECOAT	Steri-Guard SG2 AC Sealer Clear
BASECOAT CATALYST	AC2-Lo (low odour) Catalyst
THINNER FOR SYSTEM	ACT Acid-Cat 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 SG2 AC Clear Lacquer - 9:1 Steri-Guard SG2 AC Sealer Clear - 9:1



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 SG2 AC 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 SG2 AC 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

The ISF range of AC2-Lo Systems are now classed 'Lo Formaldehyde' and as such they are a major Health & Safety development. Formaldehyde is deemed to be carcinogenic and a risk to the end user. Our unique manufacture process removes the formaldehyde from both the Part A & B components to make these lacquers MUCH SAFER to use. The actual levels are under 0.1% which is a major breakthrough in Acid Catalysed technologies. Using ISF AC2-Lo Systems the working environment within any Spray Shop will be dramatically improved.

A further improvement in the formulation of these lacquers has also been made. All the butanol (a very pungent solvent) has been removed - this vastly improves the "smell" whilst drying, making them into low odour lacquers.

*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
9-11 Sq.m/lt	20 mins	60 mins	7 Days	36 hours	9:1	12 months	5 & 25lt

HARDNESS



ENVIRONMENTALLY FRIENDLY



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This version: March 2025

