



the perfect finish
SINCE 1898

MANUFACTURING INNOVATIVE
SOLUTIONS FOR OVER 125 YEARS

ISF TECHNICAL DATA SHEET

700 Series (Easy Mix PU) Clear



FEATURES

- PU topcoat with good scratch resistance
- Easy application with a smooth to the touch finish
- The cured coating shows good chemical - mechanical properties
- BS 6222-3: 2017 Finish Performance - Other Surfaces

USES	Interior joinery, furniture & plastics
TOPCOAT	700 Series (Easy Mix PU) Clear
TOPCOAT CATALYST	Catalyst C700PU
BASECOAT	700 Series (Easy Mix PU) Clear Lacquer (Coat on Coat) PC2 (Melamine) Clear Sanding Sealer SIRCA FPU15s01 PU Clear Sealer SIRCA PCV2006 Polyester Clear Sealer
BASECOAT CATALYST	Please refer to the chosen Basecoat product data sheet
THINNER FOR SYSTEM	No 31 Anti Bloom Retarding Thinners Sirca DPU809 Thinners
CLEANER FOR EQUIPMENT	ISF Spray Gun & Brush Cleaner
APPLICATION EQUIPMENT	Conventional airless / airmix or HVLP spray equipment.
MIX RATIO	700 Series (Easy Mix PU) Clear - 2:1 (volume)



APPLICATION PROCESS

Stir & mix the products well prior to use. Once mixed with Catalyst the product will be at spraying viscosity, however this may be adjusted with Thinners by up to 10% volume.

Sealer base as necessary following the chosen products application guidelines, allow to dry overnight.

Then after a further de-nib apply a full even coat of the 700 Series (Easy Mix PU) Clear topcoat @ 90-150g/sqm.

Should a further topcoat be required, up to 4hrs (no sanding required) - after 4hrs denib with 320 grit.

PLASTIC APPLICATION

We have tested multiple types of plastics to ensure the correct systems are recommended.

Primarily used over Acrylic, ABS & PU, Adhesion may give better performance by applying the Topcoat directly to the substrate.

We would always advise discussing all projects with your local ISF Sales representative or contact ISF Technical for clarification on the best system to suit your requirements.

FURTHER INFORMATION

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

Catalyst CTH33 - 2:1 mix ratio by volume - should be used instead of Catalyst C700PU For use onto Egger Board.

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/ltr	30 mins	As above	7 days	2 hours	2:1	12 months	5 & 25lt

HARDNESS



ENVIRONMENTALLY FRIENDLY



700 Series (Easy Mix PU) Clear | Page 2 of 2

This version: March 2025

