



the perfect finish
SINCE 1898

MANUFACTURING INNOVATIVE
SOLUTIONS FOR OVER 125 YEARS

ISF TECHNICAL DATA SHEET

AC3 (Ultra High Solids) CLEAR



FEATURES

- The 'benchmark' in high solids, top quality Acid Cat lacquer
- Over 64% solid level, exceeds current VOC legislation
- Superb flow properties
- FS 6250: 2018 Finish Performance - Horizontal Surfaces: Contract

USES	High quality interior joinery & furniture.
TOPCOAT	AC3 (Ultra High Solids) Clear 10% Sheen AC3 (Ultra High Solids) Clear 25% Sheen AC3 (Ultra High Solids) Clear 35% Sheen AC3 (Ultra High Solids) Clear 50% Sheen AC3 (Ultra High Solids) Clear 90% Sheen
TOPCOAT CATALYST	AC3 Catalyst (20004)
BASECOAT	AC3 (Ultra High Solids) Sealer Clear
BASECOAT CATALYST	AC3 Catalyst (20004)
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	AC3 (Ultra High Solids) Clear - 9:1 AC3 (Ultra High Solids) 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 AC3 Sealer Clear, allow to dry, de-nib & apply a further Sealer coat as necessary.

Then after a further de-nib apply a full even coat of the AC3 Clear Lacquer, may also be used 'coat on coat'.

Allow to dry overnight prior to packing.

FURTHER INFORMATION

The ISF range of Acid Cat 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 Acid Cat 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.

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

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
12-15 Sq.m/lit	20-30 mins	60 mins	7 days	36 hours	9:1	12 months	25lt

HARDNESS



ENVIRONMENTALLY FRIENDLY



AC3 (Ultra High Solids) CLEAR | Page 2 of 2

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