



the perfect finish
SINCE 1898

MANUFACTURING INNOVATIVE
SOLUTIONS FOR OVER 125 YEARS

ISF TECHNICAL DATA SHEET

AC2-Lo (Low Odour) PROMATCH



FEATURES

- Low odour - Butanol free formulation
- Less than 0.1% Formaldehyde content - improves Spray Shop safety
- Excellent opacity. High solids, reduces coats required
- BS FIRA 6250 Severe use rating

USES	Interior joinery & furniture.
TOPCOAT	AC2-Lo (low odour) Promatch AC2-Lo (low odour) Promatch Metallic AC2-Lo (low odour) Promatch SPECIAL AC2-Lo (low odour) Black Topcoat AC2-Lo (low odour) White Topcoat
TOPCOAT CATALYST	AC2-Lo (low odour) Catalyst
BASECOAT	AC2-Lo (low odour) Primer Filler WHITE AC2-Lo (low odour) Primer Filler GREY AC2-Lo (low odour) Primer Filler CHARCOAL AC2-Lo (low odour) Primer Filler BLACK
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	AC2-Lo (low odour) Promatch - 9:1 AC2-Lo (low odour) Primer Filler - 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 AC2 Primer, allow to dry, de-nib & apply another Primer coat as necessary. Then after a further de-nib apply a full even coat of the AC2-Lo Topcoat.

Allow to dry overnight prior to packing. AC2-Lo should not be used over PC1 Range Pre-catalysed Primers.

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.

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

*Some low pigmented topcoats may not reach VOC compliancy due to the nature of the shades - please check with technical department for clarification.

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	15 mins	60 mins	7 days	36 hours	9:1	12 months	1, 5 & 25lt

HARDNESS



ENVIRONMENTALLY FRIENDLY



AC2-Lo (Low Odour) Promatch | Page 2 of 2

This version: February 2025

