

XCAL POP2 LAM

7 year polymeric laminate vinyl film

PRODUCT DESCRIPTION

FACE MATERIAL :	75 µ Clear gloss, polymeric stabilized, soft calendered PVC film.
ADHESIVE :	Permanent clear acrylic adhesive
LINER :	White PE Kraft liner 80 gsqm

TYPICAL USES

The Xcal POP2 LAM is a high ultra gloss ultra clear PVC film specifically designed for long term protection of digital prints. Recommended for printmedia Xcal POP2.

Xcal POP2 LAM helps retarding the colour fade caused by ultra-violet (U.-V.) during exposure to light.

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	Average values	Test method
<u>Adhesive Data, 23°C</u> Quick Tack on glass Peel 24 hours on glass	16 3 N/25 mm 20 3 N/25 mm	FTM 9 FTM 1
<u>Dimensional stability</u> shrinkage : 48 hours at 70°C (applied on aluminium)	max 0.5 mm	FTM 14
<u>Flammability</u>	Self-extinguishing when applied on Alu panels	
<u>Temperature ranges</u> Minimum application temperature: Service temperature range:	+ 5°C to + 40°C - 30°C to + 70°C	

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

DURABILITY

The outdoor durability of the unprinted film is 7 years.

Overlamination of the inkjet printed material delays eventual colour fading that may occur upon time. This colour fading is dependent from the quality of the inkjet inks and the self-adhesive materials being used. Xcal POP2 LAM will give satisfactory performance up to 3-4 years of outdoor exposure. We recommend the use of our laminating film on **Xcal POP2**.

Tripa denies responsibility for product failure if non-Tripa laminating films are used for the application.

CHEMICAL RESISTANCE

XCAL POP2 LAM is resistant to most oils and fats, fuels, aliphatic solvents, mild acids, salts and alkali such as:

Test agent	Test period	Test result
Salt water at 10°C to 75°C	2000h	No effect
Motor Oil 20W/50W	500h	No effect
Transmission Fluid	500h	No effect
Anti-Frost liquid	500h	No effect
Petrol	24h	No effect

Test method: Samples of XCAL POP2 LAM were applied to enamelled steel-sheet one hour before testing. Samples were immersed in the specified test-agent at room temperature then removed after the indicated testing period.

RECOMMENDATIONS

Always test the combination of XCAL print media, inks and laminating film prior to commercial use.

Laminating conditions: Please ensure the print is perfectly dry. The printed material should be left to dry for at least 48 hours prior to lamination or transport.

Don't take shortcuts when drying graphics!

Drying of the graphics can be accelerated by passing a cold air flow over the print by means of an air blower mounted at the bottom of a drying fan.