






The colouring of any of our products is based on dye colourants. High UV exposure is damaging to colourants, and fading will result. Use this guide to make the right product choice for your application. If in doubt - leave colour out!

Anodised aluminium easily withstands abrasion and most chemicals and is resistant to UV damage. Over time the dye colourant used to produce colour images will fade as a result of exposure to the high UV typical of the New Zealand environment. If in doubt - leave colour out! In applications where resistance to fading is crucial, our MetalPhoto black and grey process is recommended, with it's 20 year plus UV resistance. MetalPhoto may be overprinted in colour, but the colour will fade so key content should be black.

How much UV will your image be exposed to?	High	MetalPhoto
	Medium	MetalPhoto AliChroma
	Low	AliChroma
On-Surface UV Booster	GPS Film approx +15% extra UV resistance TREATMENT: Graphic Protection laminate. Suitable for all products.	
Sub-Surface UV Booster*	IMAGE INTENSIFICATION approx +15% extra UV resistance TREATMENT: Gold Chloride processing increases MetalPhoto UV & Temperature resistance. *MetalPhoto product only.	

On-Surface UV treatments boost UV resistance and also offer a degree of protection from vandalism in addition to the protection of the anodic layer.

UV exposure can also be reduced by careful orientation of the image and site preparation. Metal Image Limited cannot control these factors so encourages careful selection of the most suitable product for your application. Only strong colours should be used in exterior applications. Colour photographs are not recommended in exterior applications, and are not covered by any warranty.

	PRODUCT	Gauge (mm)	UV RESISTANCE
HIGH UV RESISTANCE	 MetalPhoto Black & Greytone print only.	0.08 ✓ 0.50 ✓ 0.13 ✓ 0.80 ✓ 0.20 ✓ 1.00 ✗ 0.30 ✓ 1.50 ✗	<ul style="list-style-type: none"> UV Resistance: HIGH (up to 20 years +) UV BOOSTED: Approx 15% extra UV resistance IMAGE: Silver Halide embedded. UV BOOSTERS: GPS Film/Gold Chloride ANODIC LAYER: 8-12 micron.
HIGH UV RESISTANCE	 MetalPhoto OP Black & Greytone + overprinted selected dark strong colours.* *(Overprint colours will fade, black will remain.)	0.08 ✓ 0.50 ✓ 0.13 ✓ 0.80 ✓ 0.20 ✓ 1.00 ✗ 0.30 ✓ 1.50 ✗	<ul style="list-style-type: none"> UV Resistance: HIGH (up to 20 years +)* UV BOOSTED: Approx 15% extra UV resistance IMAGE: Silver Halide embedded with colourant overprinted.* UV BOOSTERS: GPS Film/Gold Chloride ANODIC LAYER: 8-12micron. *(Black UV resistance HIGH, Overprint colours resistance MEDIUM. Colourants will fade, black will remain.)
MEDIUM UV RESISTANCE	 AliChroma Spot colour print, selected strong colours only.	0.08 ✗ 0.50 ✓ 0.13 ✗ 0.80 ✗ 0.20 ✗ 1.00 ✓ 0.30 ✓ 1.50 ✓	<ul style="list-style-type: none"> UV Resistance: MEDIUM (up to 7 years) UV BOOSTED: Approx 10-15% extra UV resistance IMAGE: Colourant embedded. UV BOOSTERS: GPS Film recommended. ANODIC LAYER: 22-25 micron.
LOW UV RESISTANCE	 AliChroma  CMYK Full Colour and photographic prints.* *	0.08 ✗ 0.50 ✓ 0.13 ✗ 0.80 ✗ 0.20 ✗ 1.00 ✓ 0.30 ✓ 1.50 ✓	<ul style="list-style-type: none"> UV Resistance: LOW (up to 5 years**) UV BOOSTED: Approx 10-15% extra UV resistance IMAGE: Colourant embedded. UV BOOSTERS: GPS Film recommended. ANODIC LAYER: 22-25 micron. **Colour photographs are not recommended in exterior applications, and are not covered by any warranty.

Standard Colour Range



▲ Interior Use Only
 ● Low UV Resistance
 ●● Medium UV Resistance
Northfacing, 10° Angle.