

Interpon[®]
powder coatings

EVERY COLOR IS GREEN

Quality Assured

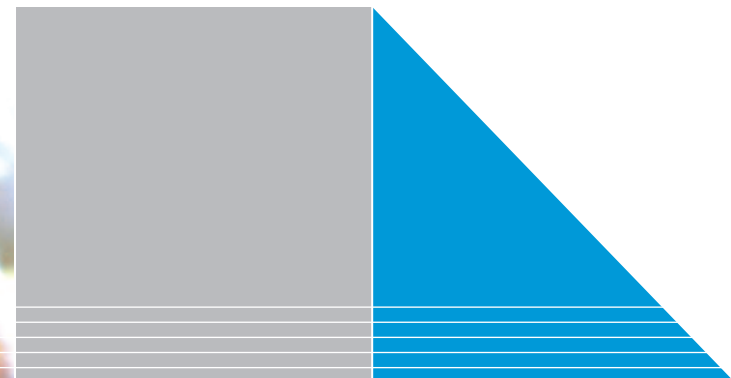
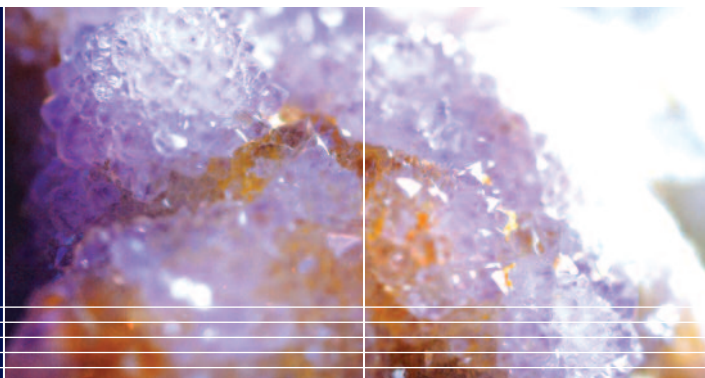
Following extensive market research carried out in collaboration with our Aesthetics Centre and by working closely with leading OEM's, the **Interpon IT** range of dedicated products has been developed specifically for the IT market.

Supported by long term product development and tested and compliant to our unique specification **Interpon IT MasterSpec** ensures high quality products for the IT market every time.

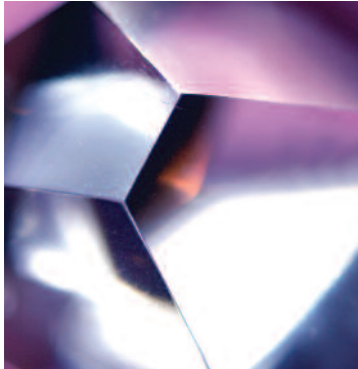
The visual appearance makes this range of powder coatings very much of interest to OEM's requiring 'a special look'.

The main features of the **Interpon IT 5000** range include:

- Up to six times the sparkle intensity of standard metallics as measured by BYK spectrophotometer
- Interpon IT MasterSpec compliant



Interpon IT 5000 Galaxy coatings make use of special optical systems and create light effects within the coating which are totally unique. The Self Service Technology and Gaming machine markets have been identified as key areas for use of this technology.



Interpon IT 5000 – Galaxy



The Interpon IT Series of Powder Coatings

Series	Finish
Interpon IT 1000	Standard Finishes
Interpon IT 2000	Primers
Interpon IT 3000	Metallics
Interpon IT 4000	High Gloss
Interpon IT 5000	Galaxy
Interpon IT 6000	Tactiles
Interpon IT 7000	Anodics



AkzoNobel



The Interpon IT MasterSpec

Properties such as hardness, impact and mar resistance are essential in maintaining coating performance and aesthetics. Compliance with the **Interpon IT MasterSpec** makes these coatings suitable for a variety of both internal and external applications.



	Test name	Test method	AN Specification	Rating system/Range (Good to Bad)
Mechanical Tests	Normal Abrasion	ASTM F2357	150 cycles	No visual wear through to substrate or other paint layer
	Taber Abrasion	ASTM D4060	100 mg loss max.	Weight loss of panel after 1000 cycles with 1000g weight CS-10 wheel
	Adhesion	ASTM D3359	1mm squares	5B
	Pencil hardness	ASTM D3363	F-H	No scratches visible under 5x magnification.
	Direct impact	ASTM D2794	min. 20kg.cm with 16mm ball dia	No visible damage to film
	Mandrel bend	ASTM D522	1/4 inch mandrel	No visible damage to film
Other Tests	Chemical sensitivity	ASTM D1308	Banana Boat Sunscreen - SPF30, Ivory Dish Soap, Fantastik Cleaner, French's Yellow Mustard, 70% Isopropyl alcohol, Olive Oil, Vaseline Intensive Care, Heinz Ketchup, Mayonnaise Kraft, 409, Windex with Ammonia, Acetone. Hydrochloric acid 0.1N, lemon juice, artificial perspiration, coffee, dish soap (ex ivory liquid), tap water, 'snap' anti-static cleaner, saturate cleaner (spic n span), household ammonia solution, yellow, 'superiter' blue felt pen, corn oil, 24(72 - strike) Hours	No visible change
	Water resistance	ASTM D2247	500 hours	No visible change
	Practical washability	ASTM D4828	100 cycles (with 1. DI water, 2. 2.5% Ethanol, 3. 1.84% Sodium Hypochlorite)	No visible change
	Solvent resistance	ASTM D4752	20 MEK double rubs	Pass grade 4
	Thermal Shock test	AN internal spec. No. ITTS001	50 cycles	No visible change
Resistance to overbaking	ASTM D2454	a) same temperature, double the time b) 20 degC higher temperature same time	No significant change in appearance and performance	