



## PREPARATION

Coating systems are only as effective as the surface to which they are applied. Therefore, correct preparation is essential to ensuring the system achieves its' design life. Relevant instructions can be found on the product data sheets. With Extra Life, particular attention should be paid to problem areas such as:

- Sharp edges
- Weld seams
- Fixings

Cromadex recommend that these areas are always stripe coated prior to application.

## TECHNICAL SUPPORT

For further technical information or advice on any of the Extra Life systems please contact your nearest Cromadex Centre (see back panel for details).

## CARE AND MAINTENANCE

Industrial coatings are no different to the paint on your car – they need cleaning and maintaining. Accumulated dirt may affect the design life of the system, and any mechanical damage almost certainly will. Therefore regular inspections should take place and minor damage must be touched up.

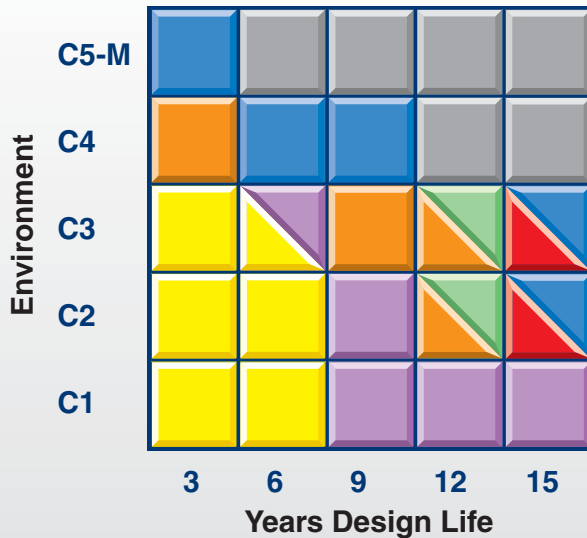
At the end of the design life, major maintenance must be carried out. This includes spot priming where necessary, and as a minimum, rubbing down and applying a full coat of the original topcoat when wet paint was used. If powder was originally applied then a suitable Cromadex wet paint system should be used. Please contact your nearest Cromadex Centre for the necessary technical advice.



# 3a. SELECT THE CORRECT POWDER COATINGS SYSTEM

Please use the following tables to select the best coating system for your environment and durability requirements:

## Powder Coatings Life Expectancies



These life expectancies have been measured on steel only. Aluminium or galvanised steel must be suitably pre-treated. Please contact Cromadex for further details.

Life expectancy for decorative appearance is given up to C3 12 years. Over that, life expectancy relates to corrosion protection only.

Split squares indicate more than one system is suitable.

## THE PRODUCTS

Substrate		Surface Pre-treatment	Primary layer	Intermediate	Topcoat
Mild Steel	Blue	Blast Cleaned Sa2.5	Interpon PZ 770		Interpon 610
	Orange	Blast Cleaned Sa2.5	Interpon PZ 660		Interpon 610
	Red	Zinc Phosphate with Passivation		Interpon APP120	Interpon 610
	Green		Cromadex 903 Etch primer	Interpon APP120	Interpon 610
	Purple	Zinc Phosphate with Passivation			Interpon 610
	Yellow		Cromadex 903 Etch primer		Interpon 610

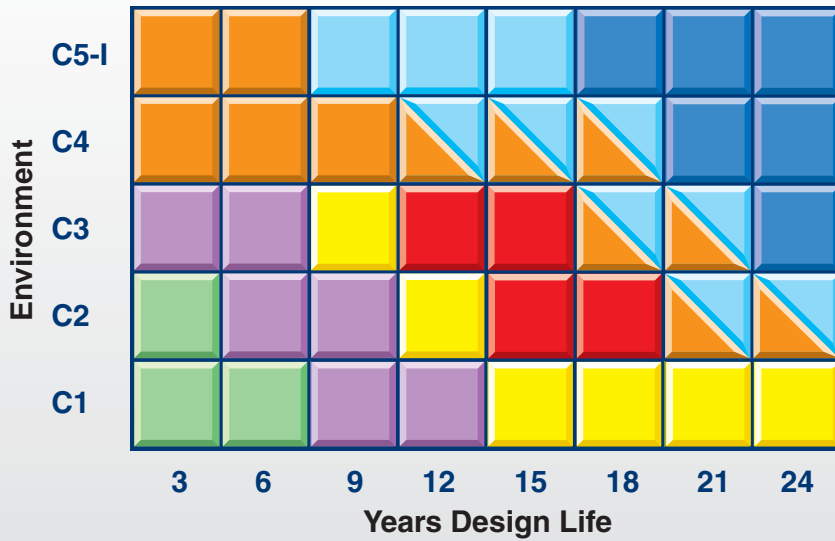
For full product and application details, please consult the relevant product and safety data sheets.



# 3b. SELECT THE CORRECT WET PAINT SYSTEM

Please use the following tables to select the best coating system for your environment and durability requirements:

## Wet Paint Life Expectancies



These life expectancies have been measured on steel only. Aluminium or galvanised steel must be suitably pre-treated. Please contact Cromdex for further details.

Life expectancy for decorative appearance is given up to C3 12 years. Over that, life expectancy relates to corrosion protection only.

Steel substrates for environments C3 (over 12 years), C4 & C5I must be blast cleaned to SA 2.5 prior to application

Split squares indicate more than one system is suitable.

## THE PRODUCTS

	Primer	Intermediate	Topcoat	Isocyanate free	Higher Solids
Dark Blue	<b>Interzinc 72</b> Epoxy Zinc Rich Primer	<b>Intergard 475 HS</b> High solids Epoxy Intermediate Coat	<b>Interthane 979</b> Two pack Polysiloxane Topcoat	Yes	Yes
Light Blue	<b>Interzinc 72</b> Epoxy Zinc Rich Primer	<b>Intergard 475 HS</b> High solids Epoxy Intermediate Coat	<b>Interthane 990</b> High Build Polyurethane Topcoat	No	Yes
Orange	<b>Intercure 200 HS</b> Epoxy Primer		<b>Interthane 990</b> Polyurethane Topcoat	Yes	Yes
Light Orange	<b>Intercure 200 HS</b> Epoxy Primer		<b>Interfine 629 HS</b> Modified Acrylic Topcoat	No	Yes
Red	<b>750</b> Two Pack Epoxy Primer		<b>600</b> Two Pack Polyurethane Topcoat	No	No
Dark Red	<b>750</b> Two Pack Epoxy Primer		<b>891</b> High Solids Two Pack Acrylic Topcoat <small>(can help as part of a VOC reduction prog.)</small>	No	Yes
Yellow	<b>850</b> Two Pack Non-Isocyanate Acrylic Primer		<b>800</b> Two Pack Non-Isocyanate Acrylic Topcoat	Yes	No
Purple	<b>230</b> Stoving Primer Filler		<b>943</b> Acrylic Stoving Topcoat	Yes	No
Light Purple	<b>395</b> Anti-Corrosive Primer		<b>400</b> Lower Odour One Pack Polyurethane Topcoat	Yes	Yes
Green	<b>2100</b> One Pack Universal Primer		<b>222</b> Fast Air Drying Alkyd Topcoat	Yes	No
Light Green	<b>2100</b> One Pack Universal Primer		<b>233</b> Air Drying Alkyd Topcoat <small>(for larger items)</small>	Yes	No

For full product and application details, please consult the relevant product and safety data sheets.

# EXTRA LIFE

## Designed to last

**Extra Life** is a programme of coating systems that offers product protection for up to 25 years for wet paint and up to 16 years for powder coatings. These systems have been developed to protect against a wide range of environments, from the interiors of heated buildings to much more aggressive external situations, such as industrial or coastal areas. **Extra Life** for wet paint encompasses standard air drying or stoving products, to the latest developments in two pack technology. **Extra Life** for powder coatings incorporates the latest powder primer technologies.

There are three steps to specifying the correct **Extra Life** system.

1. Identify the environment
2. Determine the design life
3. Select the correct coating system - a) Powder b) Wet paint

## 1. IDENTIFYING THE ENVIRONMENT

**Extra Life** has six key environment classifications. Select the environment where your product will be used. If in doubt, select the more aggressive environment or call Cromadex for advice.

Classification	External	Internal
C5-I	Industrial areas with high humidity and aggressive atmosphere	Buildings or areas with almost permanent condensation and with high pollution
C5-M	Marine coastal. High Salinity	Buildings or areas with almost permanent condensation and with high pollution
C4	Industrial areas and coastal areas with moderate salinity	Chemical plants, swimming pools, coastal ship and boatyards
C3	Urban and industrial atmospheres with moderate sulphur dioxide pollution. Coastal areas with low salinity	Production rooms with high humidity and some air pollution
C2	Atmospheres with low level of pollution. Mostly rural areas	Unheated buildings where condensation may occur
C1		Heated buildings with clean atmospheres

## 2. DETERMINE THE DESIGN LIFE

Choosing the right durability is a question of cost. If the system doesn't last long enough, rectification could be expensive. However, with **Extra Life**, you can be specific in terms of the durability and investment required. With the test data and track record we have, durability ranges can be broken down into three year intervals, enabling a more accurate coating specification for both powder and wet paint systems.

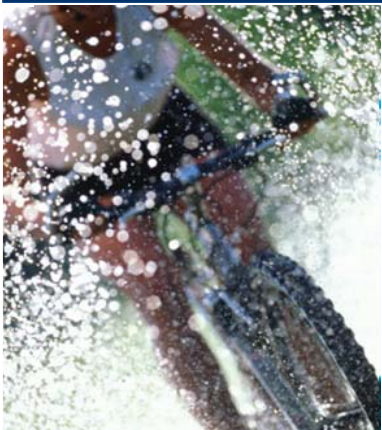




# EXTRA LIFE

For Powder Coatings and Wet Paint

Protecting Your Products with Colour





### LOCAL COLOUR MATCHING

Our colour database is huge. However, there will always be times when you require something out of the ordinary. The colour matching facility at each centre enables those requirements to be turned round quickly and efficiently.

### LOCAL SERVICE

Each centre has its own team of sales people, all trained to a high degree to give you the right advice at the right time.

Whatever the size of your order, our own fleet of vans ensures your delivery arrives on time - we will deliver next day at no extra cost. Alternatively you can collect on the same day your order is placed.

### GLOBAL TECHNOLOGY

Cromadex prides itself on offering high quality products that are easy to use. The technology is based on that used in the toughest environments.

Quality of finish is also extremely important – all our products go through a rigorous testing and quality procedure before they reach the market.

Our formulations are tightly controlled and due to our unique relationships with raw material suppliers, we ensure that your products use the highest quality materials at competitive prices. All our centres are ISO 9001:2000 accredited.

## CROMADEX CENTRES

#### BIRMINGHAM

Tel: + 44 (0) 121 558 5005  
Fax: + 44 (0) 121 555 6393

#### BRISTOL

Tel: + 44 (0) 117 935 4233  
Fax: + 44 (0) 117 935 4234

#### BURY ST EDMUNDS

Tel: + 44 (0) 135 9271072  
Fax: + 44 (0) 135 9271239

#### GLASGOW

Tel: + 44 (0) 141 427 7171  
Fax: + 44 (0) 141 427 1478

#### LEEDS

Tel: + 44 (0) 113 276 0653  
Fax: + 44 (0) 113 276 0704

#### MANCHESTER

Tel: + 44 (0) 161 848 7056  
Fax: + 44 (0) 161 848 8675

#### NEWCASTLE

Tel: + 44 (0) 191 438 4738  
Fax: + 44 (0) 191 469 8314

#### NORTHAMPTON

Tel: + 44 (0) 1604 706677  
Fax: + 44 (0) 1604 706650

#### PORTSMOUTH

Tel: + 44 (0) 2392 201356  
Fax: + 44 (0) 2392 201358

#### TILBURY

Tel: + 44 (0) 1375 851024  
Fax: + 44 (0) 1375 850912



For your nearest Cromadex centre go to

**Web: [www.cromadex.com](http://www.cromadex.com)**

**Email: [cromadex\\_marketing@cromadex.com](mailto:cromadex_marketing@cromadex.com)**

*All sales are made and technical advice given subject to the standard terms of sale, a copy of which is available on request. All technical details relating to products can be found in the relevant technical and material safety data sheets. Copyright © 2007 Cromadex (Akzo Nobel Powder Coatings Ltd). (Issue 1 - 05/07)*