

# PZO 2400 Series - ECOplus™ Ink System

## PRODUCT DESCRIPTION:

Durable universal ink system for Epson™ ink-train 'eco solvent' printers

## PRINTING HARDWARE COMPATIBILITY:

Mimaki™ JV3 160 – JV3 160SP - JV3 250SP – JV3 75SP  
 Mutoh™ Rockhopper 38 - 46 – 62 / Rockhopper II - 50 - 64 – 87  
 RolandDG™ Pro II V series SC545EX – SJ645EX- SJ754EX - SJ1000EX  
 Pro II EX series SJ740 EX – SJ640EX – SJ540EX – SC540EX  
 Pro II Series SJ540 – SJ740 - SC540 / Soljet SJ500 – SJ600  
 Versacam SP300 - SP300V- SP540V  
 Agfa™ Grand Sherpa Universal – 50 – 64 – 87

## FULL PRODUCT DESCRIPTION:

This non-toxic, non-flammable superior quality durable ink system is designed to function efficiently in the 'eco-solvent' Epson ink-train and operate without unpleasant and harmful odours.

Combining two year exterior durability, high abrasion and alcohol resistance, the ink is ideal for general use in sign and display applications. The system delivers consistent colour and print characteristics batch-to-batch ensuring maximum operational performance, job repeatability and minimal downtime.

## FEATURES + BENEFITS:

Monteith ink delivers a wide colour gamut, high density and long term exterior performance. The ink system has proven resistance to the effects of UV degradation and colour fading. When used correctly the ink can reproduce the deepest solid colours and the subtlest tones to create the most vibrant and natural images.

## APPLICATIONS AND COMPATIBLE MATERIALS:

Typical applications include; general sign, display and advertising, particularly those that include photorealistic images. This ink has been designed to deliver excellent adhesion and flexibility on most self-supporting flexible PVC based materials and self-adhesive vinyl films. Protective coatings are recommended in abrasive environments.

## WARRANTY INFORMATION:

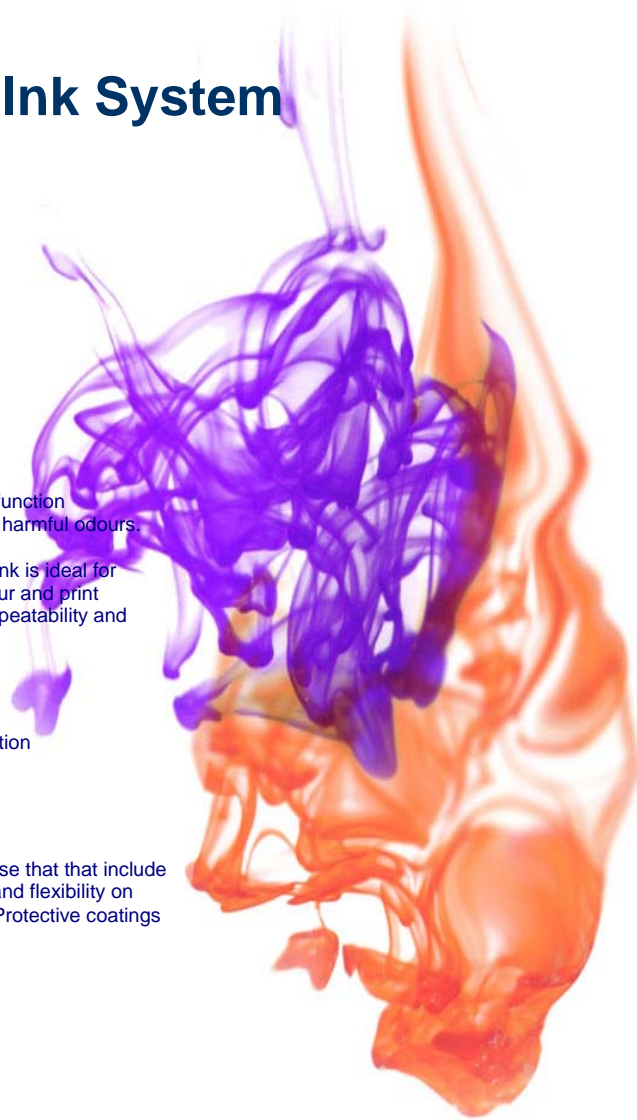
2 years outdoor durability without lamination in non abrasive environments.  
 5 years indoor durability without lamination.  
*Full details of the Monteith Durability Warranty are available upon request.*

## ORDERING INFORMATION:

PRODUCT	RANGE	CODE	UNIT SIZE	
			LITRE	GALLON
CYAN	PZO	2401	1 X 1.0	1 X 0.264
MAGENTA	PZO	2402	1 X 1.0	1 X 0.264
YELLOW	PZO	2403	1 X 1.0	1 X 0.264
BLACK	PZO	2404	1 X 1.0	1 X 0.264
LIGHT CYAN	PZO	2405	1 X 1.0	1 X 0.264
LIGHT MAGENTA	PZO	2406	1 X 1.0	1 X 0.264
ORANGE	PZO	2407	1 X 1.0	1 X 0.264
GREEN	PZO	2408	1 X 1.0	1 X 0.264
CLEANING FLUID	PZO Cleaner	XXXX	1 X 1.0	1 X 0.264

## DATASHEET VERSION NUMBER + RELEASE DATE:

Version 1.1 / 31<sup>st</sup> January 2006



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## INK PROPERTIES

- GAMMUT AND COLOUR: Wide colour gamut especially suitable for photo realistic images
- UV DURABILITY: 24 months external exposure
- ABRASION RESISTANCE: Abrasion resistance on standard substrates
- CHEMICAL RESISTANCE: Resistant to common cleaning chemicals
- DRYING CHARACTERISTICS: Formulated to meet or exceed the OEM hardware drying specification
- PRINTING AND COLOUR PROFILES: Comprehensive range of ICC profiles available

## COMPATIBLE PRODUCTS:

- CLEANING FLUID: Monteith PZO XXX
- PROTECTIVE COATINGS: Monteith PZO 701, PZO 702, PZO 704 water-based clearcoats
- OTHER COMPATIBLE PRODUCTS: N/A

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## STORAGE INFORMATION:

Store between 5°C and 40°C out of direct sunlight. Non-flammable and classified as non-hazardous. Ink should be allowed to reach room temperature before printing. The recommended shelf life of this product is 12 months from date of manufacture when stored under preferred conditions.

## SAFETY INFORMATION:

This product is classified as an irritant. Avoid contact with eyes - if ink comes into contact with eyes, flush with large amounts of water until irritation subsides. If irritation persists seek medical attention. If ink comes into contact with the skin - flush with large amounts of water and use mild soap to wash affected area. Remove contaminated clothing and laundry before reuse. If swallowed do not induce vomiting, keep at rest and seek medical attention at once.

## HANDLING INFORMATION:

Wear chemically resistant gloves (such as nitrile/butyl) and safety glasses with side shields when handling inks and cleaning solvents. If material is released or spilled, prevent spills with sand or earth from entering sewers, water courses and low areas. Recover by pumping or by using a suitable absorbent material. Place in suitable container for proper disposal. Observe all labeled warnings. Do not reuse empty containers without commercial cleaning or reconditioning.

## ENVIRONMENTAL INFORMATION:

Waste disposal method. Dispose of in accordance with local, provincial and federal regulations. Incinerate or landfill in approved facility and notify the appropriate environmental agencies.

## DISCLAIMER:

The information and data contained herein is believed to be accurate at the time of preparation and has been obtained from sources believed to be generally reliable. No warranty or liability for the accuracy is made and no liability will be assumed for claims arising from any party's use of or reliance on information or recommendations contained herein.

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