

# **Technical Data Sheet (TDS)**

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For FUZE ECO NR Ver 4.1 (PENR)

### **Product Description:**

The Fuze ECO NR 4.1 ink is an eco-solvent ink designed for outdoor and indoor applications. It is compatible with all standard substrates available on the market. Fuze-ECO NR 4.1 ink series is formulated for high productivity and is compatible to Mimaki, Roland and Mutoh printers with Epson DX-4, DX-5, DX-6 and DX-7 print heads. Fuze-ECO NR 4.1 is Mix & Match\* to Roland Eco-Sol Max, Mutoh Eco Ultra and Mimaki ES3 ink series.

### **Benefits and Primary Features:**

Environmentally friendly, fast drying time, superior scratch resistance, perfect jetability, excellent substrate fixation, excellent light fastness and resistance when exposed to outdoor conditions, Mix & Match™ concept ensures chemical compatibility and accurate colors match to OEM ink. This advanced formulation has an extended shelf life and greater alcohol resistance.

### **Product Line:**

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Cyan	1L Bottle	12213	Cyan	1L Bag	12895
Magenta	1L Bottle	12214	Magenta	1L Bag	12896
Yellow	1L Bottle	12215	Yellow	1L Bag	12897
Black	1L Bottle	12216	Black	1L Bag	12898
Light Cyan	1L Bottle	12217	Light Cyan	1L Bag	12899
Light Magenta	1L Bottle	12219	Light Magenta	1L Bag	12900
Flush	1L Bottle	12220	Flush	1L Bag	12901
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Cyan	440 Cartridge	12221	Cyan	5L Bottle	12684
Magenta	440 Cartridge	12222	Magenta	5L Bottle	12685
Yellow	440 Cartridge	12223	Yellow	5L Bottle	12686
Black	440 Cartridge	12224	Black	5L Bottle	12687
Light Cyan	440 Cartridge	12225	Light Cyan	5L Bottle	12688
Light Magenta	440 Cartridge	12226	Light Magenta	5L Bottle	12689
440aa Cantuidaa	oo for Dolomal Dri	into ro	110aa Cartrida	aa far Mutab Drin	.4
440cc Cartridges for Roland Printers			440cc Cartridges for Mutoh Printers		
Cyan	440 Cartridge	12334	Cyan	440 Cartridge	12228
Magenta	440 Cartridge	12335	Magenta	440 Cartridge	12229
Yellow	440 Cartridge	12336	Yellow	440 Cartridge	12230
Black	440 Cartridge	12337	Black	440 Cartridge	12231
Light Cyan	440 Cartridge	12338	Light Cyan	440 Cartridge	12232
Light Magenta	440 Cartridge	12339	Light Magenta	440 Cartridge	12233
Flush	440 Cartridge	12227			

Fuze ECO-NR washing liquid for Mimaki printers – 220cc cartridges- 12246

### **Printing Conditions:**

Printing temperature should be 25°C +/- 5°C and relative humidity should be 50% +/- 15% (non-condensing).

## Installation:

Fuze-NR series can be installed directly on Roland Eco-Sol Max, Mutoh Eco Ultra and Mimaki ES3 inks. If the inks are installed onto different inks than the ones mentioned above, a flushing procedure must be performed with PENR flush.

## **Outdoor Durability:**

Fuze-NR ink series outdoor durability is up to 24 months without lamination according to ISO 11341.

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#### Shelf Life:

Ink in bags / cartridges:

Cyan, Yellow, Black colors and flush cleaning solution have a shelf life of 18 months from the date of manufacturing.

Magenta color has a shelf life of 12 months from the date of manufacturing.

#### Ink in bottles:

All colors and flush cleaning solution have a shelf life of 12 months from the date of manufacturing.

### **Storage Conditions:**

Store tightly covered at temperatures between 10°C to 30°C and relative humidity between 25% to 70%.

### Shipping and Handling:

All personal handling these products must wear gloves and eye protection. After use, wash hands with soap and water. Should ink come in contact with clothes, remove clothing to avoid prolonged skin exposure. Should ink come in contact with skin, wipe off with a clean, dry absorbent cloth and wash area with soap and water. For additional safety data, please refer to MSDS.

### \*Mix & Match

Bordeaux proprietary Mix & Match™ concept enables on-the-fly conversion of the original ink to Bordeaux without the need to flush, replace parts and to perform new color profiles in most configurations.

The "Mix™ only" technology enables conversion of specified OEM inks to Bordeaux without the need to flush or replace parts.

## \*Bordeaux warranty program

The user must refer to Bordeaux warranty program and liability <a href="http://www.c-m-y-k.com/">http://www.c-m-y-k.com/</a>