

# MAGNAPRINT® ECO PIGMENT

Perfect colour every time with our  
eco-friendly water-based pigments.



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- MagnaPrint® ECO Yellow HG
- MagnaPrint® ECO Yellow HR
- MagnaPrint® ECO Orange HO
- MagnaPrint® ECO Red HG
- MagnaPrint® ECO Red HB
- MagnaPrint® ECO Pink H5B
- MagnaPrint® ECO Violet H4B
- MagnaPrint® ECO Navy HR
- MagnaPrint® ECO Blue HB
- MagnaPrint® ECO Blue HG
- MagnaPrint® ECO Green HB
- MagnaPrint® ECO Brown HNW
- MagnaPrint® ECO Black NGN
- MagnaPrint® ECO Fluorescent Yellow HFY
- MagnaPrint® ECO Fluorescent Orange HFO
- MagnaPrint® ECO Fluorescent Red HFR
- MagnaPrint® ECO Fluorescent Green HFG
- MagnaPrint® ECO Fluorescent Pink HFP
- MagnaPrint® ECO Fluorescent Blue HFB
- MagnaPrint® ECO Fluorescent Violet HFV

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## ACCREDITATION/CERTIFICATION



Please ask for more information regarding accreditation/  
certification status of each individual product.

All information is given in good faith but without warranty. They do  
not release you from testing our products as to their suitability for  
the intended processes and uses.



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# MAGNAPRINT® ECO PIGMENT

Perfect colour every time with our eco-friendly water-based pigments.

MAGNACOLOURS®  
IMAGINATION INK™

|                            | Dyestuff Concentration g/kg | Standard Depth | FASTNESS            |                       |  |  |   | DRY HEAT FIXATION                           |                                |                     | THERMOSTABILITY     |                         |                         |                      |   | Discharge Suitability |
|----------------------------|-----------------------------|----------------|---------------------|-----------------------|--|--|---|---|--------------------------------|---------------------|---------------------|-------------------------|-------------------------|----------------------|---|-----------------------|
|                            |                             |                | Light (ISO 105-B02) | Weather (ISO 105-B04) | Dry Cleaning (ISO 105-P01) Change of Shade | Dry Cleaning (ISO 105-P02) Change of Shade | 180 °C / 30 s (ISO 105-P03) Change of Shade | 210 °C / 30 s (ISO 105-P04) Change of Shade | 170 °C / 2 min Change of Shade | CO / 170 °C / 3 min | CO / 200 °C / 1 min | CO/PES / 170 °C / 3 min | CO/PES / 200 °C / 1 min | PES / 170 °C / 3 min |   |                       |
| Eco Yellow HG              | M                           | 20<br>5        | 1/1<br>1/3          | 7<br>4-5              | 4-5<br>3                                   | 4-5<br>4                                   | 5<br>4                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ○                       | ●                       | ○                    | ☒ | +                     |
| Eco Yellow HR              | M                           | 20<br>5        | 2/1<br>1/2          | 8<br>7                | 7<br>6                                     | 4-5<br>4-5                                 | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ●                       | ●                       | ○                    | ○ | +                     |
| Eco Orange HO              | M                           | 20<br>5        | 2/1<br>1/2          | 7-8<br>4              | 6<br>4Y                                    | 4<br>3                                     | 5<br>4-5                                    | 5<br>5                                      | 5<br>5                         | 5<br>5              | ☒                   | ☒                       | ☒                       | ☒                    | ☒ | +                     |
| Eco Red HG                 | M                           | 20<br>5        | 1/1<br>1/4          | 8<br>5                | 6<br>4                                     | 4-5<br>4-5                                 | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ○                   | ○                       | ☒                       | ☒                    | ☒ | ☒                     |
| Eco Red HB                 | M                           | 20<br>5        | 1/1<br>1/4          | 7B<br>6B              | 4-5<br>3B                                  | 5<br>4                                     | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ●                       | ●                       | ●                    | ○ | +                     |
| Eco Pink H5B               | M                           | 20<br>5        | 1/2<br>1/6          | 8<br>8                | 8<br>7-8                                   | 5<br>5                                     | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ●                       | ●                       | ●                    | ● | +                     |
| Eco Violet H4B             | M                           | 20<br>5        | 2/1<br>1/3          | 8<br>8                | 7-8<br>6-7                                 | 5<br>5                                     | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ●                       | ●                       | ●                    | ● | +                     |
| Eco Navy HR                | M                           | 20<br>5        | 2/1<br>1/2          | 8<br>7                | 7<br>7                                     | 5<br>4R                                    | 5<br>4R                                     | 5<br>5                                      | 5<br>5                         | 5<br>5              | ○                   | ○                       | ○                       | ☒                    | ☒ | +                     |
| Eco Blue HB                | M                           | 20<br>5        | 1/1<br>1/3          | 8<br>8                | 7Y<br>7                                    | 4<br>4                                     | 4<br>4                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ○                   | ○                       | ○                       | ○                    | ○ | +                     |
| Eco Blue HG                | M                           | 20<br>5        | 1/1<br>1/6          | 8<br>8                | 7-8<br>7-8                                 | 5<br>5                                     | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ○                   | ○                       | ○                       | ○                    | ○ | +                     |
| Eco Green HB               | M                           | 20<br>5        | 1/1<br>1/6          | 8<br>8                | 7-8<br>7                                   | 5<br>5                                     | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ●                       | ●                       | ●                    | ● | +                     |
| Eco Brown HNW              | M                           | 20<br>5        | 1/1<br>1/4          | 7<br>6                | 5<br>4                                     | 5<br>4                                     | 5<br>4                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ●                       | ●                       | ●                    | ○ | +                     |
| Eco Black NGN              | M                           | 20<br>5        |                     | 8<br>8                | 8<br>7-8                                   | 5<br>5                                     | 5<br>5                                      | 5<br>5                                      | 5<br>5                         | 5<br>5              | ●                   | ○                       | ●                       | ○                    | ● | ☒                     |
| Eco Fluorescent Yellow HFY |                             | 150            |                     | 2-3                   | -  | 4  | 3-4   | 4   | 4                              | 4                   | ○                   | ○                       | ○                       | ○                    | ○ | ☒                     |
| Eco Fluorescent Orange HFO |                             | 150            |                     | 2                     | -  | 4  | 3   | 4   | 4                              | 4                   | ○                   | ○                       | ○                       | ○                    | ○ | ☒                     |
| Eco Fluorescent Red HFR    |                             | 150            |                     | 2                     | -  | 3-4  | 3   | 4   | 4                              | 4                   | ○                   | ○                       | ○                       | ○                    | ○ | ☒                     |
| Eco Fluorescent Green HFG  |                             | 150            |                     | 3                     | -  | 4  | 3-4   | 4-5   | 4-5                            | 4-5                 | ●                   | ●                       | ●                       | ●                    | ● | ☒                     |
| Eco Fluorescent Pink HFP   |                             | 150            |                     | 2                     | -  | 3-4  | 3   | 4   | 4                              | 4                   | ○                   | ○                       | ○                       | ○                    | ○ | ☒                     |
| Eco Fluorescent Blue HFB   |                             | 150            |                     | 3-4                   | -  | 4  | 3-4   | 5   | 5                              | 5                   | ●                   | ●                       | ●                       | ●                    | ● | ☒                     |
| Eco Fluorescent Violet HFV |                             | 150            |                     | 2-3                   | 1  | 4  | 3-4   | 4   | 4                              | 4                   | ○                   | ○                       | ○                       | ○                    | ○ | ☒                     |

**KEY:**  
 Used in MagnaMix  
 Only pigment dependant fastness properties have been evaluated. No data is given for system (thickener, binder, etc.) dependant fastness properties. Light and weather fastness values have been evaluated with the eight-grade blue scale:

8: Very high  
1: Very low

All other fastness values have been evaluated with standardised grey-scale for change of shade:

5: No change  
1: Strong change  
Y: Yellower  
G: Greener;  
R: Redder  
B: Bluer

Thermostability has been evaluated by an internal testing method. This property describes the behaviour of the product under changing curing conditions.

The colours shown are an indication only. More accurate textile swatches are available upon request.

All information is given in good faith but without warranty. They do not release you from testing our products as to their suitability for the intended processes and uses.