

## EMBLEM Eco Recycle Paper 130

EMBLEM Eco Recycling Paper 130 is a recycled paper, which is made out of 100% secondary raw materials. The paper has a pleasant haptic by its volume and a special surface coating. This also ensures a lower ink consumption in printing. The ERP130 can be printed with common latex and UV inks.

Matchcode:	<b>ERP130</b>
Material:	paper made from 100 % waste paper
Finish:	matt
Color:	white
Weight:	130 g/m <sup>2</sup> ±2,5 % nach ISO 536
Opacity:	98 % ±2 acc. IOS 2471
ISO Whiteness:	82 % ±2 (D65/10°) acc. ISO 2470
Standard rolls width:	914 / 1067 / 1600 mm
Standard roll length:	100 m
Storage:	cool and dry environment, at 15 - 25 °C, 50 % rel. humidity
Shelf life:	12 month in original packing



[www.blauer-engel.de/uz14a](http://www.blauer-engel.de/uz14a)

### COMPATIBLE INKS:

Eco Solvent:	no	UVC:	yes
Solvent:	no	Latex:	yes

Different printers, inks, resolutions and printing qualities result into numerous different printing parameters. In addition, there are numerous factors influencing processing and the application of our materials. For this reason, we cannot make specific statements as to drying times and maximum ink absorption. For this reason, we recommend you to perform own tests in order to verify the desired results. Our product specifications are not to be understood as legally binding guarantees assuring specific characteristics. Any liabilities and guarantees, as well as claims for compensation beyond the value of the product itself are excluded.

## EMBLEM Eco Recycle Paper 130

### Description:

EMBLEM Eco Recycling Paper 130 is a recycled paper, which is made out of 100% secondary raw materials. The paper has a pleasant haptic by its volume and a special surface coating. This also ensures a lower ink consumption in printing. The EMBLEM ERP130 can be printed with common latex and UV inks.

From ecological point of view the paper offers some advantages, because it is produced resource-saving. During the production about 70 percent water and 60 percent energy are saved compared to fresh fibre paper. This reduces CO<sub>2</sub> emissions and conserves natural resources. Furthermore, no chlorine or halogenated bleaching agents are used to bleach the paper.

In terms of sustainability, the ERP130 is very environmentally friendly, it is PVC free and FSC® Recycled (FSC-C119162) certified. EMBLEM Eco Recycling Paper 130 has been awarded with the German Ecolabel Blue Angel (DE-UZ 14a).

### Processing:

The volatile VOC's contained in inks must be completely dried out before further processing. The drying of the printed medium depends strongly on the ink application.

Correct device and temperature settings should be checked by a test print. The use of cotton gloves is recommended to avoid fingerprints.

### Application:

Typical indoor applications are photorealistic prints, posters, POS advertising, displays and signs.

## Relevant environmental aspects and parameters

EMBLEM Eco Recycling Paper 130 - ERP130

The data refer to the production of the recycled paper and the finished jumbo rolls.

Date of issue 21.07.2021

Information gathered from 01.01.2020 - 31.12.2020

Indicators:

Environmental management system ISO 14001, ISO 50001, EMAS

Fibre raw material 100 % recovered paper

Energy use Electrical energy: 821 kWh/t

Thermal energy: 1,462 kWh/t

Water utilisation 9,2 m<sup>3</sup>/t (100 % purified surface water)

Manufacturing aids Auxiliary materials used comply with the requirements of the following eco labels: Blue Angel, Nordic Swan, EU Ecolabel

Emissions water specific COD: 2.2 kg/t

AOX: < 0.002 kg/t

Emissions air specific CO<sub>2</sub> : 558 kg/t

SO<sub>2</sub> : 0.06 kg/t

NO<sub>x</sub>: 0.73 kg/t

Transport The raw fibre and auxiliary materials are transported mainly by truck. Where possible, the principle of intermodal transport is implemented.

System boundaries Pulp and paper production are located at the same site (integrated production).