

## SOLSTAR SATIN 135 g/m<sup>2</sup>

For use in thermal and piezo inkjet printers.  
Solvent, Mild solvent, Eco solvent, Latex, UV Curable inks.



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### 2017 Data-sheet

#### Material description

Premium, white satin glossy poster and billboard paper for outdoor and indoor applications.

The multi-coated, weatherproof paper with high wet-strength.

The photorealistic prints impress with high colour brilliance and very good image definition.

Solstar Satin dries quickly even with high ink densities and displays good flatness.

Suitable for Citylight/Megalight posters.

The construction enables brilliant posters saving up to 30% ink.

#### Indoor

See outdoor

#### Qualifications

- Excellent colour brilliance
- Photorealistic posters
- Water-repellent surface
- High scratch resistance
- Wet strength billboard quality
- High tear resistance and high opacity, also when wet.
- Good folding endurance
- **FSC \* C005732**
- **ISO 536,534,2813,2471,13655**

#### Outdoor

Long term billboards up to 3 months

High tear resistance, and high wet strength, it will expand only minimally.

Can be pasted with conventional starch-type billboard glue.

In new glues or other procedures for gluing the paper are to be used, it is recommended to carry out some practice test.

#### Specifications

Quality		Premium outdoor quality paper
Weight	ISO 536	135 g/m <sup>2</sup>
Thickness	ISO 534	150 µm
Opacity	ISO 2471	% >97
Gloss (85°)	ISO 2813	68
Chromaticity (D50/2°)MO	ISO 13655.MO	L*94,3/a*1,5/b*-4,5

#### Applications

- Indoor and outdoor billboards
- Indoor and outdoor posters
- Citylights / Megalight posters
- Long term outdoor advertisement

#### Compatibility

HP, EPSON, SEIKO, MUTOH, MIMAKI, ROLAND and more...  
HP LATEX  
DURST, VUTEK, OCE and more...

- ☞ Solvent
- ☞ Mild solvent
- ☞ Eco solvent
- ☞ Latex
- ☞ UV curable led

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## Guidelines

### Printing

Always choose the right media for the right job. There are different kinds of inks with different kind of properties. When printing with UV stable pigment ink it's normal that the colours are different that the dye inks.

### Light stability

The light stability of a plot depends on various factors such as dye inks, UV pigmented inks and media coating but the most important factor is direct sunlight. Direct sunlight and UV will cause visible media deterioration on unprotected media within a few weeks or longer.

### After printing processing , Billboard application

To prevent smears, let your prints dry completely. It is important that Solstar Satin is completely soaked through before pasting : therefore for wet billboard application the media should be soaked for up to 15 minutes and then placed in an airtight plastic bag or container. We recommend keeping Solstar Satin overnight , or at least 8 hours. Longer period , e.g. three days /a weekend will not impair application.

### Lamination

Printing with Eco-/Mild- Solvent inks, we recommend the use of pressure sensitive lamination films. These inks contain a certain quantity of solvent which stay in the paper. The heat produced during the lamination sweat the solvent sup to the surface , causing problems with the encapsulated film adhering to the media surface.

Before laminating you have to wait to ensure that the print is thoroughlx dryx- not just touch dry – we recommend waiting at least 12 hours.

### Trouble shooting

Check that the media compatible with your printer and ink. Choose the right print mode. Check the media setting (if this exists ) coated paper, film, etc. Perform cartridge alignment procedure if necessary. If required clean the cartridges.

### Color calibrations

As with all inkjet media , the product should be calibrated to the printer , to get the best result.

### Loading instructions

The rate which ink consumed over a given area varies between different printers and printer set-ups. Material has excellent ink absorption capacity. When loading the media use the right set-up (mode) that givest the highest quality output.

Feed paper few centimetres though before you will start the first print job. This will prevent damage caused while the paper is standing idle during the heating up proces.

Please note when printing with any of the 300 and 500 series HP Latex printer , to print roll to roll.

### Printer setting and ink quantity

Solstar Satin do have higher optical densities after printing than most of competitive materials. Solstar Satin is developer for price conscious printing (=less ink).

Depending on your printer , you have to test the heating temperatures. This value may already implemented in the profile. The ink amounts must be adjusted to the paper. Please reduce the single colors cyan, magenta, yellow and black ( ink restrictions) and shorten the maximum amount of ink ( ink limit). This will help your costs on inks and improve your drying performance.

### Shelf life and enviroment aspects

The shelf life of TEPEDE media is 1 year under normal conditions(10-25% at a relative humidity of 30-75%). Higher humidity and/or temperature can affect the product performance. Always store the media in a dark place.

### Ecology

The media and the final plots can be handled and disposed of as photographic colour paper or other similar inkjet paper media. For the treatment of ink or ink residue, please refer to your printed manual or supplier.

### Help available

If there are questions about media, just ask the TEPEDE sales department. They will inform you properly about our media program.

### Note

Specifications subject to change without notice.