

SOLSTAR SATIN 200 g/m²

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

2017 Data-sheet



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Material description

Premium multilayer coated, water-, and weather-resistant, bright white paper, specifically developed for solvent, eco-solvent, UV inks. Solstar Satin 200 paper qualify for billboard application, delivering high scratch resistance and perfect folding performance.

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.

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

Qualifications

- Premium poster paper
- Excellent colour brilliance
- Photorealistic posters
- Water-repellent surface
- High scratch resistance
- High degree of stiffness
- Wet strength billboard quality
- High tear resistance and high opacity, also when wet.
- Good folding endurance
- Best for eco-solvent ink
- **FSC * C005732**
- **ISO 536,534,2813,2471,13655**

Indoor

See outdoor

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	200 g/m ²
Thickness	ISO 534	210 µm
Opacity	ISO 2471	% >99
Gloss (85°)	ISO2813	68
Chromaticity (D50/2°)MO	ISO 13655,MO	L*94,3/a*1,3/b*-4,4

Applications

- High quality photo reproduction
- Indoor signs
- Indoor adverts
- Outdoor signage
- Billboard, outdoor advertising
- City Light Posters / Outdoor light box displays

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 than 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 stays in the paper. The heat produced during the lamination sends the solvent up 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 thoroughly dry - not just touch dry - we recommend waiting at least 12 hours.

Trouble shooting

Check that the media is 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 is 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 gives the highest quality output.

Feed paper a 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 process.

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

Depending on your printer, you have to test the heating temperatures. This value may already be 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 environment 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.

