



TerraPrint Silk

PAPER FOR PUBLICATIONS.

TerraPrint Silk is a slightly wood containing, fully coated fine paper for text and image printing offering good bulk and opacity.

Text/Image

TerraPrint Silk is ideal when printing large text areas and good opacity is important.

Prepress

Screen rulings max 80 lines/cm (200 lines/inch), with care this limit can be exceeded. AM, FM and hybrid screens can be used.

Printing and finishing

Sheet fed offset, letterpress and silk screen process are suitable. Avoid 115 g/m² and lower for silk screen printing. This paper is suitable for varnishing in grammages higher than 75 g/m², and in grammages higher than 115 g/m² also for film lamination.

Thread wire and adhesive binding can be used. Precreasing is recommended when folding grammages of 130 g/m² and higher.

Producing mill

The paper is produced at [Kabel Mill](#).

Certified management systems and product certificates

The quality system of the mill is certified according to ISO 9001 (No 04100 19980385).

OHSAS 18001 (certificate No. 04 116 20050972)

This paper is approved for contact with food according to BGA and fulfils the European Standard for Safety of toys EN 71-3:1995 (ISEGA Certificate No 13542 U99).

Environmental certificates

The environmental system of the mill is certified according to ISO 14001 (certificate No 04-104-010053) and EMAS registered (registration No DE-130-00001).

PEFC (certificate No. 23 89 00 01)

Range

This paper is available in a broad range of sizes in grammages from 80 to 170 g/m².

Production target values

Grammage g/m ²	Caliper µm	Whiteness CIE D65/10 %	Brightness D65/10 %	Opacity D65/10 %	Gloss TAPPI 75 %	Surface roughness PPS 1.0
ISO 536	ISO 534	ISO 11475	ISO 2470-2	ISO 2471	ISO 8245-1	ISO 8791-4
65	65	97	91	90	30	2,6
70	68	97	91	91	30	2,6
75	68	97	91	92	30	2,6
80	74	97	91	93	33	2,6
90	82	97	91	94,5	33	2,7
100	90	97	92	95,5	33	2,7
115	103	97	92	96,5	33	2,7
130	116	100	92	97,5	33	3,2
150	135	100	92	98,5	33	3,4
170	160	100	92	99,5	33	3,6



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Why TerraPrint Silk?

Customer benefits

- **High yield.** Minimum print show-through and high yield for most profitable printing
- **Sharp and even print.** Good color and dot reproduction
- **Excellent readability.** Excellent text contrast and image lift

Thanks to

- Exquisite opacity
- Print evenness, very low mottling tendency
- Excellent gloss contrast

TerraPrint Silk is ideal for:

- School books
- Editorial books
- Magazines
- Promotional prints

