

:SHERPA[®]PROOF

SherpaProof Base 250 g- Glossy and Satin

■ Material Description

Highest grade, single-sided microporous coated photo-base inkjet paper for contract proofing. The microporous Photograde Paper is based on the newest technology of nano-porous ceramic layers with 'Instant Dry' characteristics on all large format printers with water-based dye and pigmented inks.

■ Applications

:SherpaProof Base is designed for high-quality output on a wide range of large format inkjet printers. It provides a very sharp and vibrant output. The microporous base is mechanically stable, highly ink-resistant, easy to handle and is easily transported in large format printers. Due to this microporous base it is stable against dimensional changes which can occur on some papers where ink is added. It offers excellent image quality for contract proofs or large displays.

Printer compatibility:

Brand	Type
Agfa	:Sherpa 2 - :Sherpa 43 - :Sherpa 54 - :Sherpa 62
Epson	5000 - 7000 - 9000 - 10000 5500 - 7500 - 9500 - 10000CP 3800 - 4800 - 7800 - 9800 - 7400 - 9400 (*) 3880 - 4880 - 7880 - 9880 - 7450 - 9450 (*) 7900 - 9900 (*) 7700 - 9700
Canon	ImagePROGRAF series
Hewlett-Packard	1000 - 2000 - 3000 - 5000 series Z3100 - Z3200 (*)

(*) Direct drivers with quality settings, calibration support and default profiles included in :Apogee Prepress

All these printers are using the dye or pigmented water-based vendor's inks. If you use other than the vendor's (dye/pigment-based) inks or if you work on other printers, we recommend making a test print to verify compatibility.

■ Physical properties

	Glossy	Satin	
Weight (gr/m ²)	253		ISO 536
Caliper (μ)	265		ISO 534
Opacity	97		ISO 2471
L*	95		
a*	0		
b*	-5		
Gloss			ISO 2813
20°	16	3	
60°	36	21	
85°	82	50	
Stiffness md (mNm)	27		
Stiffness rd	16		

■ Printer settings / Ink absorption

For the best results use the profiles from the Apogee Prepress digital workflow software. In any other case use the highest quality mode available, e.g. "High Gloss Photo" mode in the proprietary printer driver software. If banding occurs check the print heads and/or reduce the printing speed (increase the number of passes).

When no Agfa profiles are used, it is recommended to check the ink load in combination with the drying characteristics.

■ Image quality

On compatible printers, the :SherpaProof Base will produce round, equally sized and sharp edged dots. Homogeneous colour patches will show no artefacts or colour shifts. This paper will give the fullest colour saturation possible with the specified inks.

■ Colour calibration

As with all inkjet papers this product should be calibrated to the printer, when first used, to give the desired colour reproduction. Every time when a media is changed, it is necessary to do a new linearization to assure correct colour output.

■ Handling/Transport

:SherpaProof Base is wound on an industry standard core (76 mm/3 inches) with the ink receiving (coated) layer out. Rolls are designed for use in medium humidity conditions (15-25°C/ 60-77°F, at 40-60% RH). Ideal conditions are 21°C / 50% RH. Avoid touching the ink receiving layer if you don't wear cotton or plastic gloves. Keep the paper free of dirt and excessive moisture or laminate the prints.

■ Drying

The drying characteristics are only slightly influenced by the ambient temperature and relative humidity. Lamination of the material is possible and even recommended direct after printing.

■ Image permanence

Direct sunlight, UV and ozone can cause visible image deterioration on unprotected paper.

We recommend that images and particularly dye-based prints subjected to such conditions get a protective coating (laminate), preferably a UV-protective laminate, within 24 hours after printing.

■ Water resistance

:SherpaProof Base shows high resistance to smudges and finger prints. Yet, contact with water or storage under very high humidity will not damage the print.

■ Lamination

:SherpaProof Base are compatible with a wide range of hot and cold laminating systems. Most commercially available laminates are compatible with the :SherpaProof Base and offer a perfect protection against water, scratches, ozone and UV.

This paper can be laminated very shortly after printing (instant dry).

■ Shelf life

Under normal conditions (18-25°C/64-77°F, at 40-65% RH) the shelf life of :SherpaProof Base is more than 2 years. Higher humidity and/or temperature can affect the product performance.

■ Ecology

The papers and final prints can be handled and disposed of as photographic colour paper or other similar inkjet papers. For treatment of inks, please refer to your printer manual.

■ Additional information

Agfa provides default proofer profiles for:SherpaProof Base with :ApogeeX and Apogee Prepress. Custom proofer profiles can be made with Qms and / or ColorTune (version 5 or higher).

For the availability of these software products contact your local Agfa representative.

Specifications subject to change without notice.

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