

# THE TRUE POWER OF ONE

**Production on one machine gives you consistent quality and worry-free printing.**

What's the biggest headache for printing professionals? Inconsistent paper quality. It makes your dream project a nightmare, wasting time and money and risking a hard-won customer relationship.

For a perfect project choose PRO-DESIGN. A top-shelf product developed for high-quality colour applications, PRO-DESIGN has brought The True Power of Design to printing professionals for over fifteen years. ColorLok® optimisation now gives excellent results with both laser and high-speed inkjet sheet-fed printers.

Today, Sylvamo Corporation offers a full PRO-DESIGN product portfolio manufactured on one paper machine at our mill in Saillat, France. Benefit from the same high-level performance every time with every grammage - along with a 99.99% jam - free guarantee. Gain peace of mind with The True Power of One.





# THE TRUE POWER OF ONE

## **ONE MILL**

PRO-DESIGN is produced at the Sylvamo Corporation facility in Saillat, France, Europe's only fully integrated production line for Value Added Grade (VAG) papers.

## **ONE LABORATORY**

Every PRO-DESIGN production run is tested at the same facility: Saillat Mill's state-of-the-art paper lab. After product specifications are verified, a test print evaluates ink density, dot gain, dot slur, colour-to-colour bleed, achievable colour gamut, ink holdout and print mottle. This rigorous protocol guarantees that printed images will consistently meet user expectations.

## **ONE FIBRE SOURCE**

Consistency starts with raw materials. The entire PRO-DESIGN range is manufactured using the same fibre source and refining process.

## **ONE CHEMISTRY**

The same chemical additives – filler, surface starch, sizing agent, etc. – are used in the same proportions across the entire range of PRO-DESIGN basis weights.

## **ONE QUALITY CULTURE**

The paper machine operators, lab personnel, engineering staff and maintenance crew all share a common quality control culture and understand the end user needs. Expertise is shared and processes are standardised, ensuring uniform quality management and guaranteeing certification.

## **ONE PAPER MACHINE**

Because every paper machine has unique mechanical characteristics that determine a paper's specifications, it is impossible to manufacture a product that is 100% consistent using multiple machines. That's why the full PRO-DESIGN range is manufactured on a single, specially designed, world-class machine. Moreover, constant upgrades, for example with ColorLok® technology, ensure that PRO-DESIGN continues to meet the evolving needs of end users.

## **ONE FULL PORTFOLIO**

Saillat Mill operates Europe's only paper machine that can produce basis weights from 90 up to 350 gsm for value-added grades. Heavy grammages are particularly challenging and demand extraordinary expertise. Since 2004 the team has progressively added heavier weights, achieving 350 gsm in 2015. Maintaining consistency across this wide range requires a high degree of control over all parameters.





# PRO-DESIGN SPECIFICATIONS

## PRODUCT RANGE

	90 G/M <sup>2</sup>	100 G/M <sup>2</sup>	120 G/M <sup>2</sup>	160 G/M <sup>2</sup>	200 G/M <sup>2</sup>	250 G/M <sup>2</sup>	300 G/M <sup>2</sup>	350 G/M <sup>2</sup>
	500x	500x	250x	250x	250x	125x	125x	100x
A4	●	●	●	●	●	●	●	○
A3	●	●	●	●	●	●	●	○
SRA3	●	●	●	●	●	●	●	●
SRA2	●	●	●	●	●	●	●	○
			500x			250x	500x	

## SHEETS

## REELS

500 mm; 1200/76 mm	●	●	●	●	●	●	●	●
<b>XEIKON</b> 500 mm; 480/152 mm	●	●	●	●	●	●	●	●
450 mm; 480/152mm								

## TECHNICAL SPECIFICATIONS

	90 G/M <sup>2</sup>	100 G/M <sup>2</sup>	120 G/M <sup>2</sup>	160 G/M <sup>2</sup>	200 G/M <sup>2</sup>	250 G/M <sup>2</sup>	300 G/M <sup>2</sup>	350 G/M <sup>2</sup>
CIE Whiteness (ISO 11475)	168	168	168	168	168	168	168	168
Opacity % (ISO 2471)	min 92	min 95	min 95	min 96	min 98	min 98	min 99	min 99
Thickness μm (ISO 534)	98	109	125	158	196	250	300	350
Smoothness Bekk (sec) (ISO 5627)	130	140	140	140	135	100	75	75
Formation (Kajaani Index)	110	110	110	110	110	110	110	110
Stiffness MD/CD (ISO 2493)	125/65	165/85	225/145	455/260	700/400	1060/640	1500/940	2150/1300

## CERTIFICATIONS





# OPTIMUM ENVIRONMENTAL PERFORMANCE

The trend in demand for eco-conscious and sustainable products and services is not going away, and if anything, consumers are showing signs of being all the more focused and responsible when it comes to which paper they choose.

“Consumers are increasingly educated about the world around us and are more aware of environmental matters. We’re proud that PRO-DESIGN® carries both FSC® and EU Ecolabel accreditations, providing supply chain assurance for our customers and in turn, their customer too.”

Gerald Demets, Sales and Marketing Director EMEA, Sylvamo Corporation

