



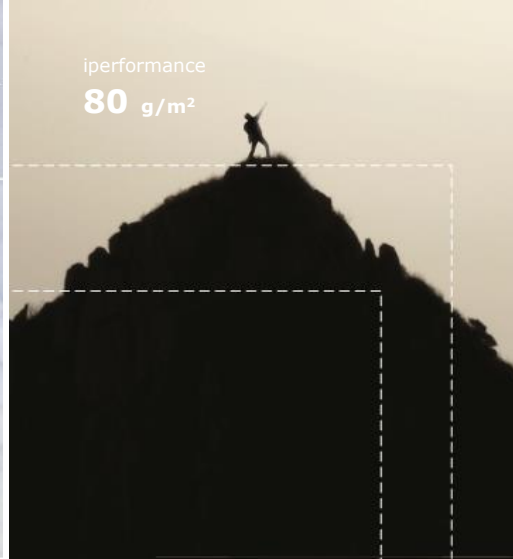
**explorer**  
Always New

**CUTSIZE PAPER**

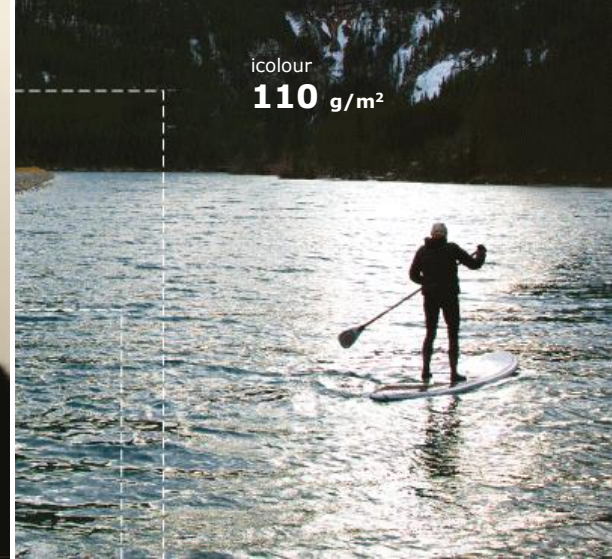
06/06/2017



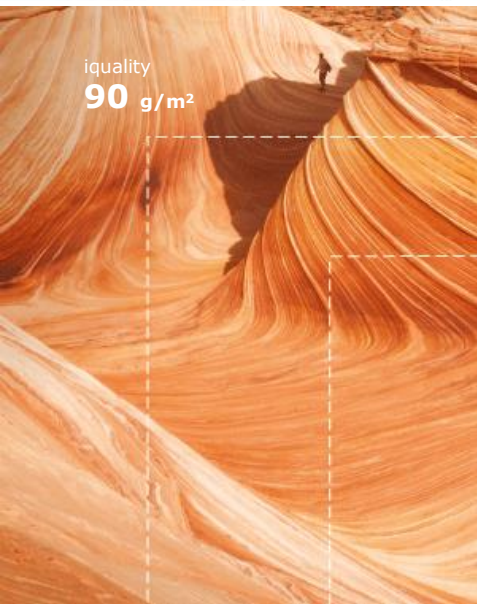
light  
**75** g/m<sup>2</sup>



performance  
**80** g/m<sup>2</sup>



colour  
**110** g/m<sup>2</sup>



quality  
**90** g/m<sup>2</sup>



definition  
**100** g/m<sup>2</sup>



care  
**80** g/m<sup>2</sup>

**Have you imagined how boring life would be without challenges?**

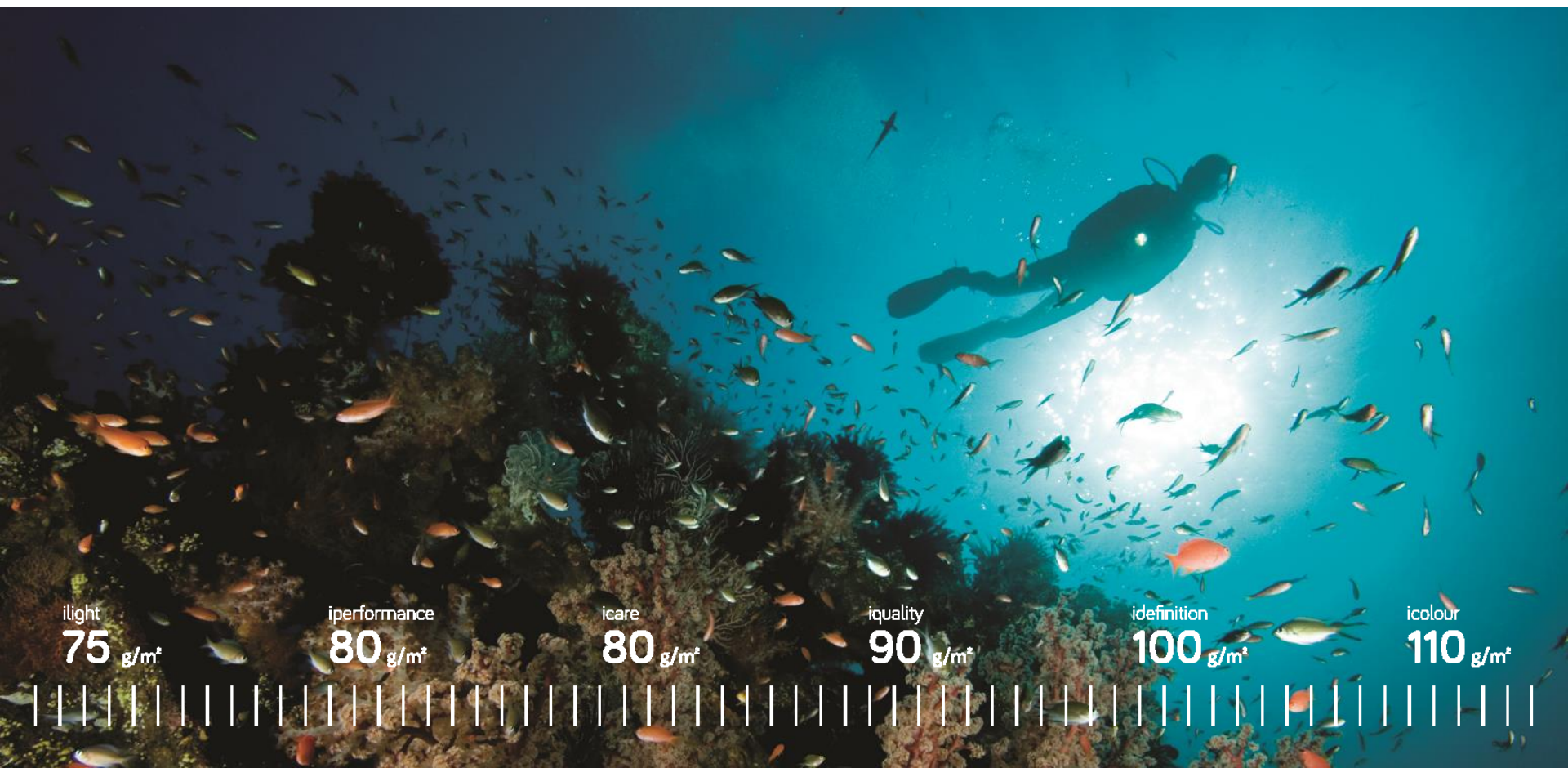
Explorer Premium Office Paper is all about challenging routine and aiming for exceptional.

We dare you to look at your life from a different perspective. A place where problems become challenges and routine turns into the unknown. Test the limits of your paper experience and be more creative, at work or on your free time.

**explorer**  
Always New

**Push more.  
Defy more.  
Explore more.**

# 01 OUR PAPER



ilight  
**75** g/m<sup>2</sup>

iperformance  
**80** g/m<sup>2</sup>

icare  
**80** g/m<sup>2</sup>

iquality  
**90** g/m<sup>2</sup>

idefinition  
**100** g/m<sup>2</sup>

icolour  
**110** g/m<sup>2</sup>

# Branding & Technology with the Consumer in mind.

Excellent results are obtained by a combination of factors. The best raw materials, state-of-the-art technology, know-how and high quality service, including pre and after sales service.



- **Market knowledge**
- **Product design and brand development**

Development of specific industrial equipments for the products requires strong focus on scale and production efficiency.



Unique product & industrial solutions



Best raw materials



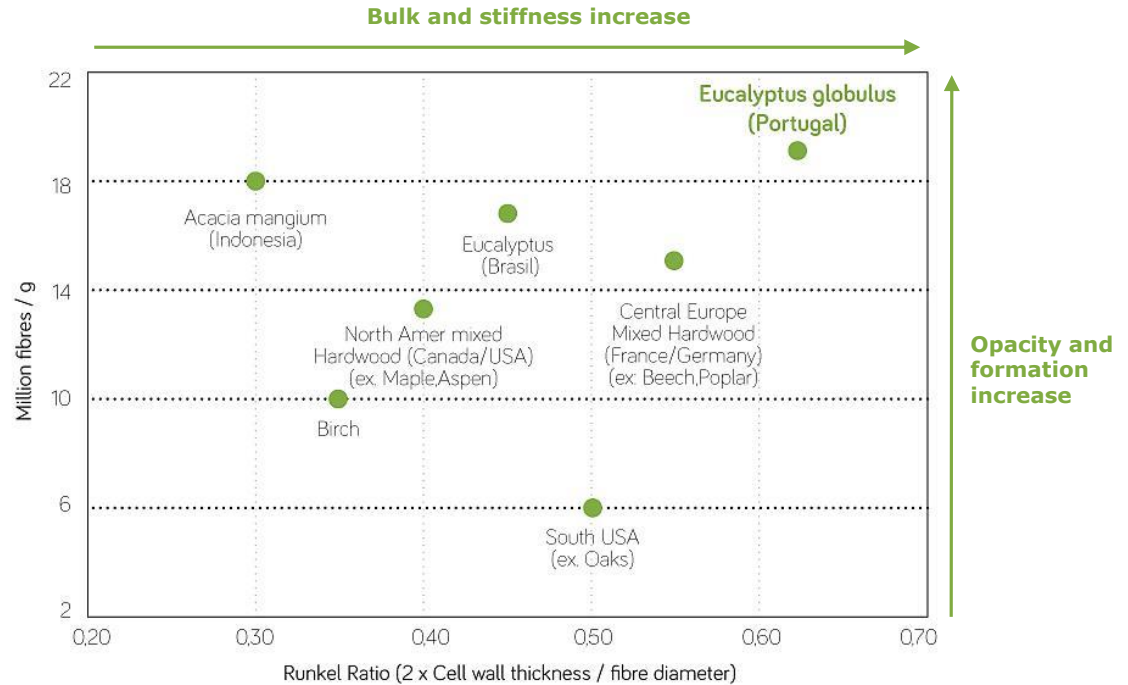
State-of-the-Art Technology



Understanding Consumer Needs

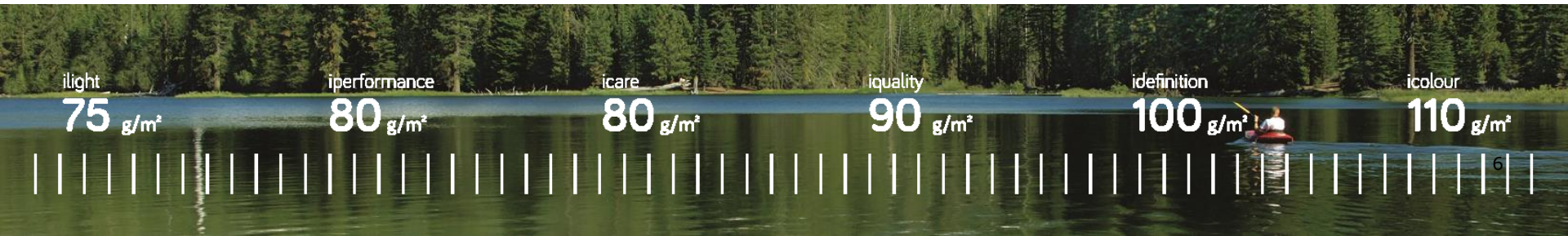
## Sources of competitive advantages

Explorer paper is made of *Eucalyptus globulus* fibres, which ensure the perfect combination between a thicker cell wall and a higher number of fibres per weight unit, leading to a paper with an excellent sheet formation.



Long fibres (softwood trees pulp) are outside the present graphic, since they show lower values (nb.of fibres per mass unit and runkel ratio).

Source: RAIZ



ilight  
**75** g/m<sup>2</sup>

iperformance  
**80** g/m<sup>2</sup>

icare  
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uality  
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idefinition  
**100** g/m<sup>2</sup>

icolour  
**110** g/m<sup>2</sup>

# Sources of competitive advantages

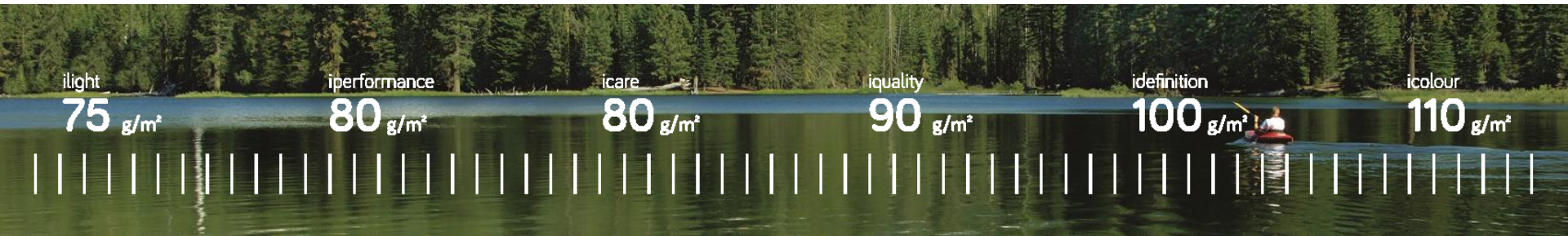
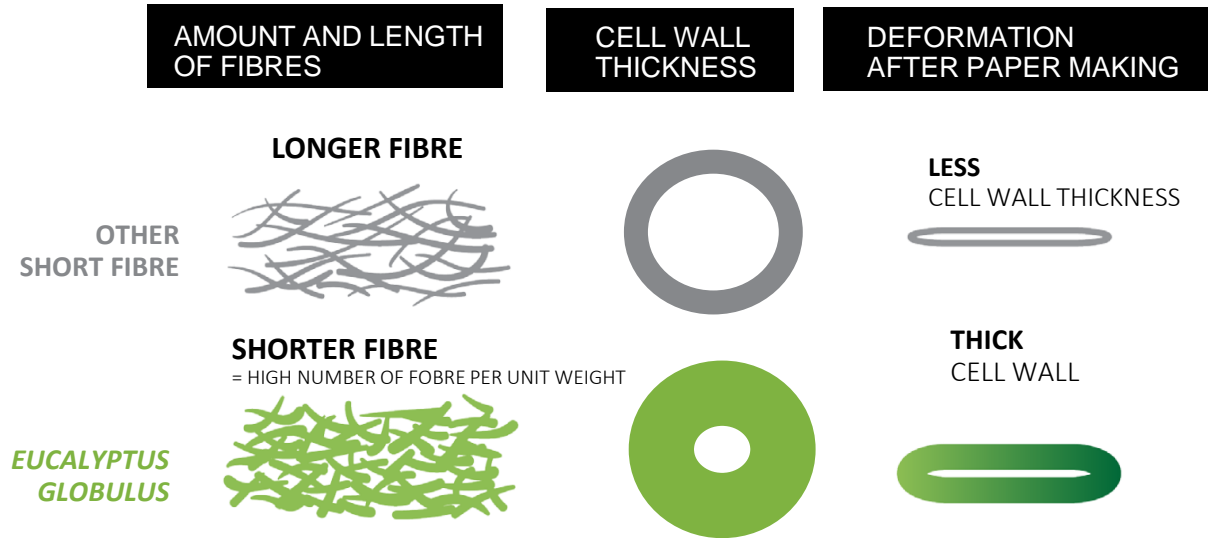
## ADVANTAGES EUCALYPTUS GLOBULUS

### FOR THE PAPER QUALITY

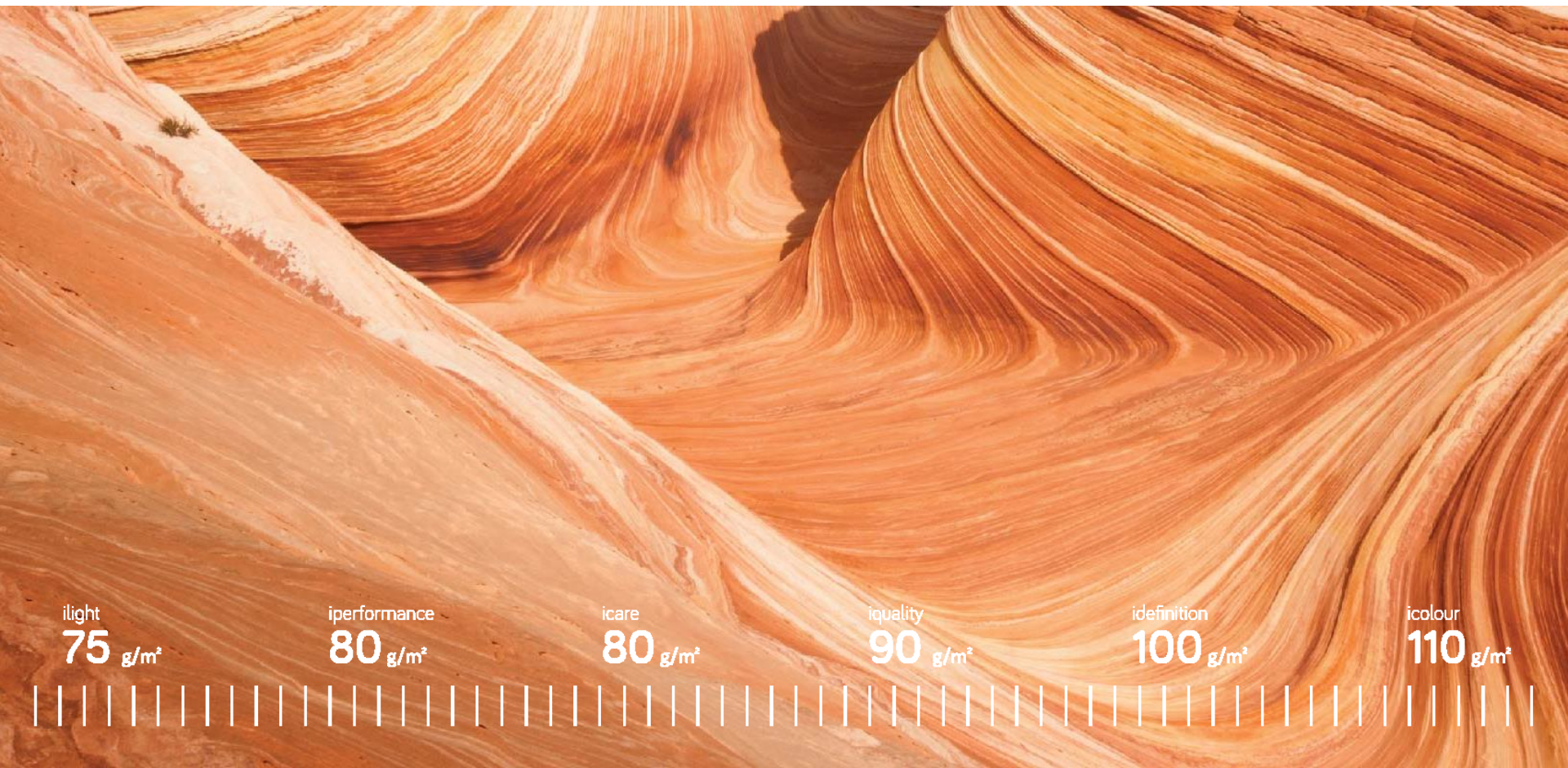
- Good porosity
- High opacity
- Good formation

### FOR THE RUNNABILITY

- High stiffness
- High bulk
- High dimensional Stability



# 02 RANGE



ilight  
**75** g/m<sup>2</sup>

iperformance  
**80** g/m<sup>2</sup>

icare  
**80** g/m<sup>2</sup>

iquality  
**90** g/m<sup>2</sup>

idefinition  
**100** g/m<sup>2</sup>

icolour  
**110** g/m<sup>2</sup>





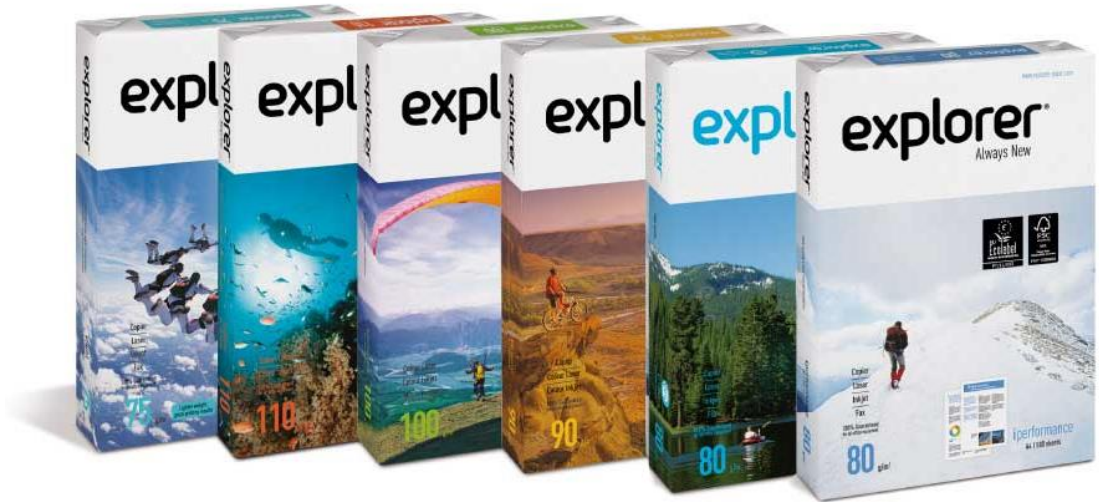
# Range

## The quality that exceeds.

Push the limits of your paper experience, defy all the possibilities of your documents and explore your creativity!

**Explorer paper range was specially developed for quality demanding users.**

Even in the most challenging applications, it offers a complete guarantee of excellent results, both in printing quality and performance.



### Smoothness & Stiffness

Better printing definition, tactile sensation and improved performance.



### Whiteness

More vivid colours and improved printing contrast and definition.



### Opacity

Double sided printing without show through.



### Printing Quality

Engineered surface treatment for toner adhesion in laser printing and for inkjet.

Explorer ilight 75 g/m<sup>2</sup>

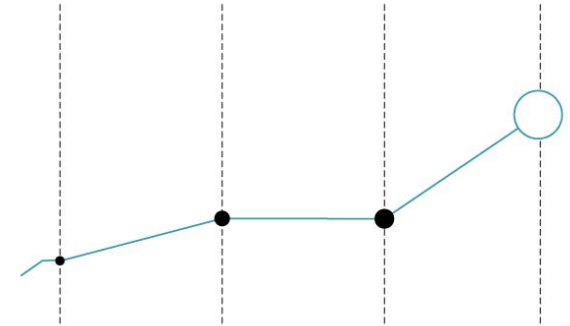


## DARE TO BE LIGHTER

A sustainable choice for those daily prints you need asap. With its excellent sheet formation, Explorer ilight paper ensures a printing flow without jams in all printers and copiers. This resource saver paper is comparable to the regular 80 g/m<sup>2</sup> office papers. Being 5 grs lighter means it requires fewer raw materials to produce the same number of sheets.

A kinder choice for the environment sake.

Ideal for drafts, emails, internet search result and for high volume print runs.



WHITENESS



SHEET FORMATION



SMOOTHNESS & STIFFNESS



PRECISION PRINTING

Explorer iperformance 80 g/m<sup>2</sup>

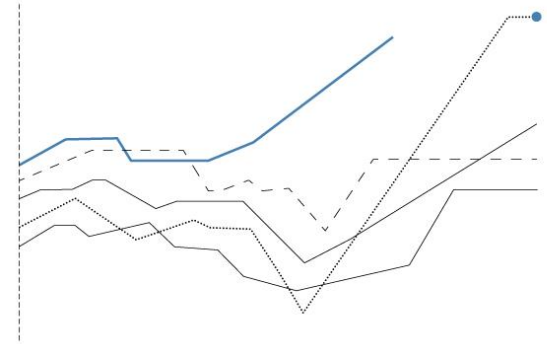


## MAKE EVERYDAY AMAZING

The iperformance paper has been specially developed to produce high quality documents. Maximize the impact of your message with the extra whiteness and unique shade of Explorer 80 g/m<sup>2</sup>.

Regardless of the office printer used, Explorer 80 g/m<sup>2</sup> guarantees the best quality in everyday documents.

Ideal for everyday documents, notes, copies, faxes and memos.



WHITENESS



FOR HIGH  
SPEED  
EQUIPMENT



OPACITY



PRECISION  
PRINTING



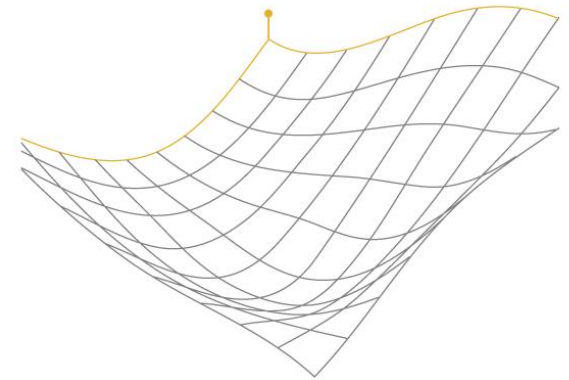
Explorer icality 90 g/m<sup>2</sup>



## EXCEL RESULTS

When the goal is to produce colour documents with impact on the reader, the Explorer 90 g/m<sup>2</sup> will exceed expectations and add value to your communication. Delivering a superior sensation of smoothness in all your documents, it allows demanding applications such as double side and strong colour usage.

Ideal for manuals, handbooks, data tables and colour graphics.



WHITENESS



PRINTING  
QUALITY



TACTILE  
SENSATION



OPACITY

Explorer idefinition 100 g/m<sup>2</sup>

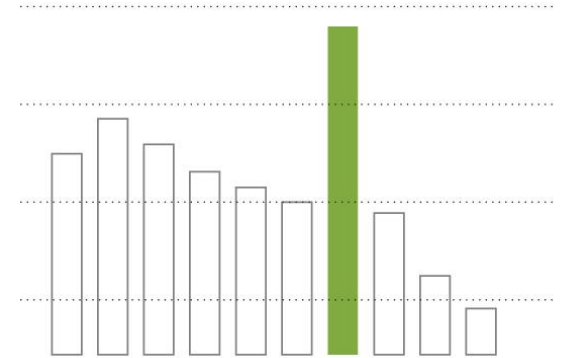


## AIM FOR EXCEPTIONAL

Explorer idefinition can take you to another level of efficiency in the printing experience. It is best suited for documents where the unique shade, colour contrast and precise definition are a must have. Its superior grammage, strong opacity and increased thickness prevent print show through and any sheet distortion.

The result is a better printing definition with higher precision and accuracy in images and graphics.

Ideal for reports and presentations.



WHITENESS



PRINTING  
QUALITY

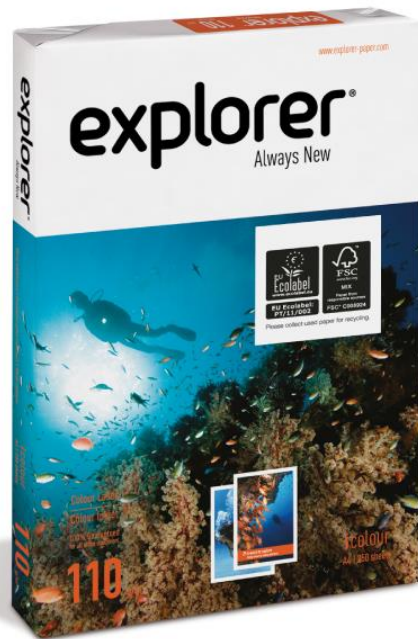


TACTILE  
SENSATION



OPACITY

Explorer icolour 110 g/m<sup>2</sup>



## CHOOSE COLOUR

A premium paper specially developed for those challenging applications like full colour documents.

With features designed to exceed all requirements in print quality, Explorer icolour is the best guarantee of excellency for demanding colour documents.

Ideal for presentations, proposals, newsletters, brochures and catalogues.



WHITENESS



PRINTING  
QUALITY



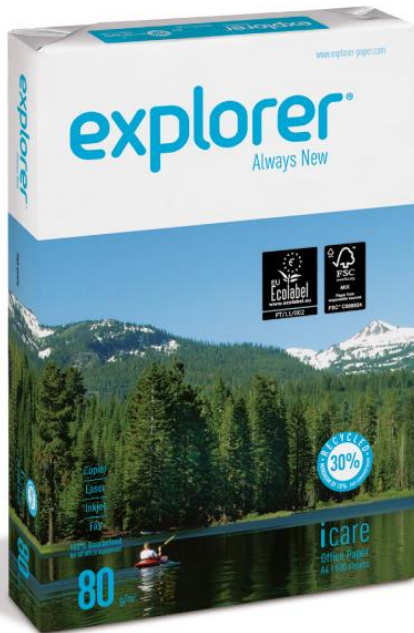
PRECISION  
PRINTING



OPACITY



Explorer icare 80 g/m<sup>2</sup>

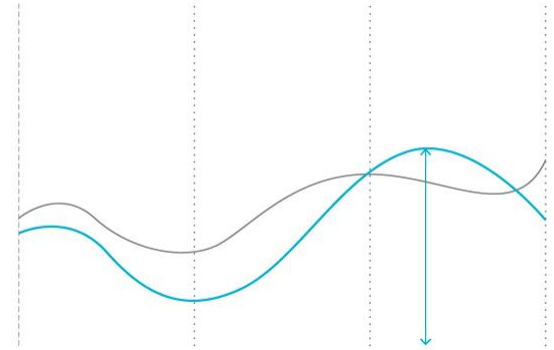


## MAKE A STAND

Because we know you care about the environment, we created a paper with recycled content that doesn't compromise the quality of the printing results.

Explorer icare was specially developed to exceed all requirements in print quality, even in more challenging applications.

Ideal for everyday documents notes, copies, faxes and memos.



WHITENESS



FOR HIGH  
SPEED  
EQUIPMENT



OPACITY



SHEET  
FORMATION



# 03 BENCHMARKING



ilight  
**75** g/m<sup>2</sup>

iperformance  
**80** g/m<sup>2</sup>

icare  
**80** g/m<sup>2</sup>

iquality  
**90** g/m<sup>2</sup>

idefinition  
**100** g/m<sup>2</sup>

icolour  
**110** g/m<sup>2</sup>

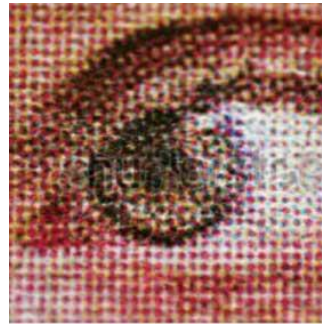




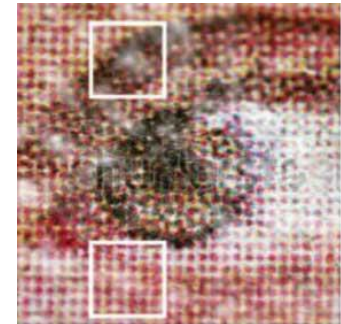
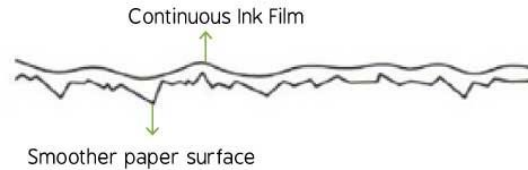
# Premium Office Paper

## THICKNESS & SMOOTHNESS

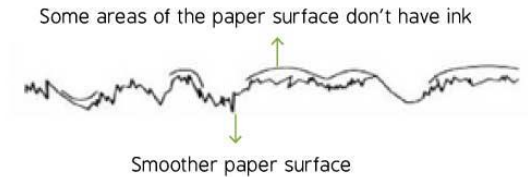
Higher thickness provides a bulkier touch to the paper, which gives a perception of better quality. Smoothness is a physical characteristic that allows better printing definition and a tactile and visual sensation of superior quality to the paper.



**Smother paper**



**Rougher paper**



light  
**75** g/m<sup>2</sup>

performance  
**80** g/m<sup>2</sup>

care  
**80** g/m<sup>2</sup>

quality  
**90** g/m<sup>2</sup>

definition  
**100** g/m<sup>2</sup>

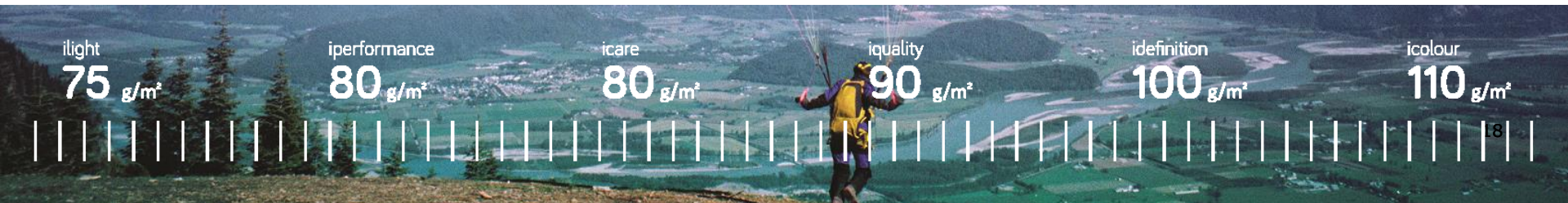
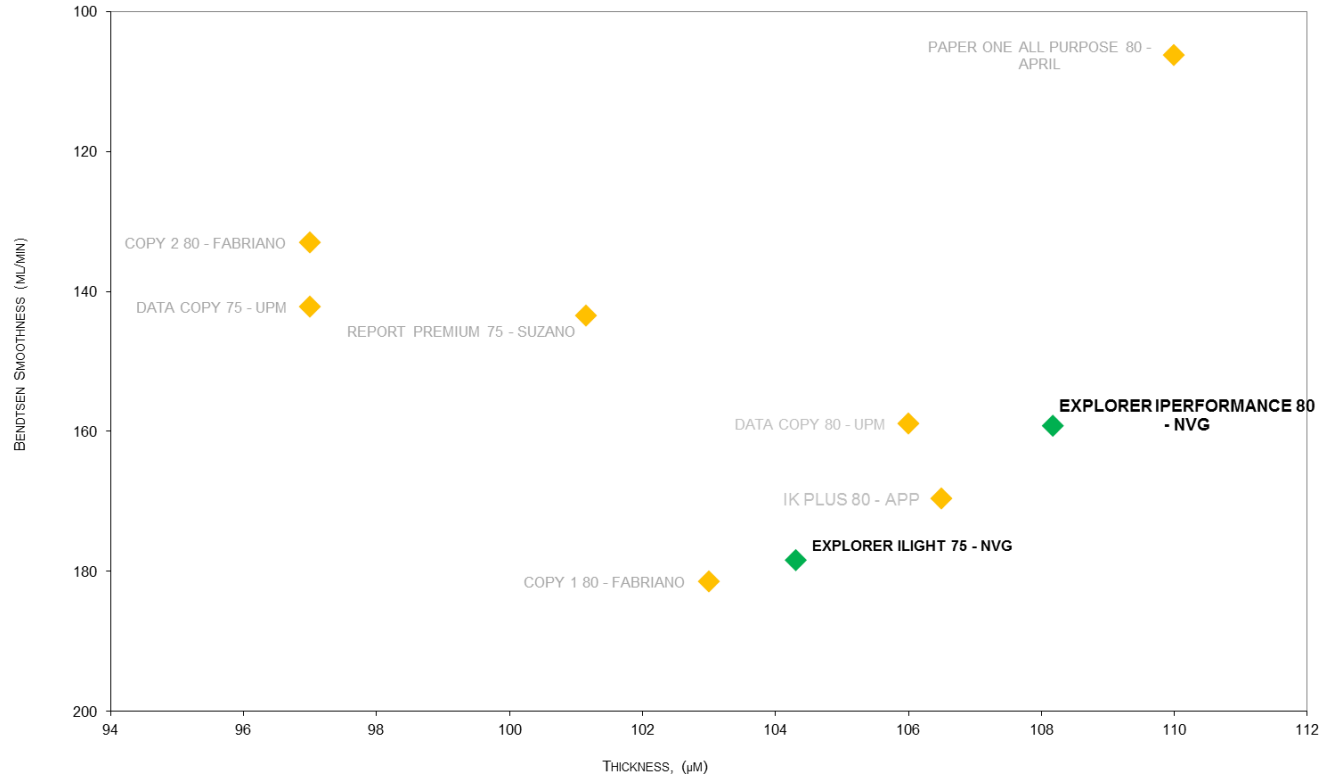
colour  
**110** g/m<sup>2</sup>



# Premium Office Paper

## THICKNESS & SMOOTHNESS

Explorer papers have a very good thickness that, coupled with the product's smoothness, give an excellent printing quality to the final document, as well as a tactile and visual sensation of superior quality. Also, Explorer iLight 75g/m<sup>2</sup> Premium paper has similar specifications that match many of the competitors 80 g/m<sup>2</sup> products.



ilight  
75 g/m<sup>2</sup>

iperformance  
80 g/m<sup>2</sup>

icare  
80 g/m<sup>2</sup>

iquality  
90 g/m<sup>2</sup>

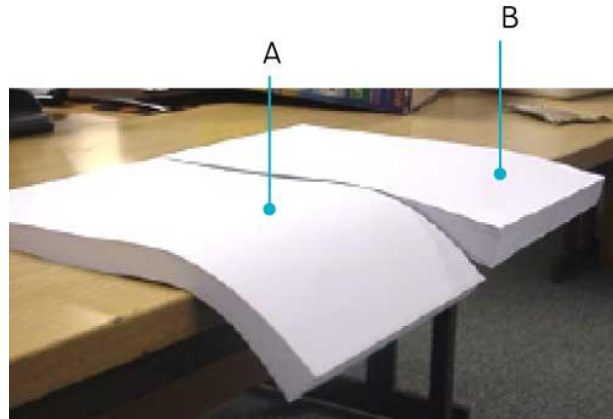
idefinition  
100 g/m<sup>2</sup>

icolour  
110 g/m<sup>2</sup>

# Premium Office Paper

## THICKNESS & STIFFNESS

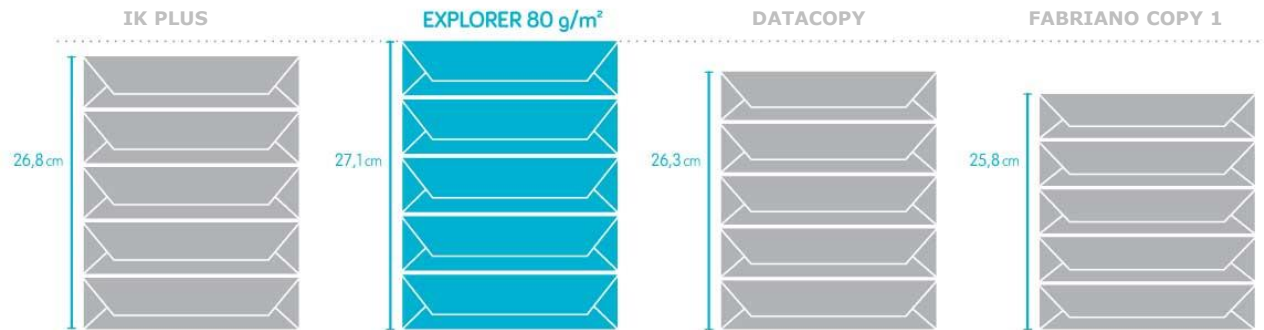
Stiffness is very important to guarantee that paper runs through the printer without jams, which will translate into increased productivity and cost reduction (reduced paper loss, man power and production time). Thickness / bulk are also very important to guarantee this objective, since they have a strong influence on stiffness.



Comparison between two papers with a different stiffness level.

**B - is the paper with the lower stiffness value.**

**Height difference** between one box of Explorer and three brands from the competition.



# Premium Office Paper

## THICKNESS & STIFFNESS

Explorer papers are engineered for runnability, with real-life usage trials on high-volume laser printers. Paper curl behaviour is continuously monitored in order to avoid any dimensional stability problems that could cause paper jams and affect the runnability of the printer.



# Premium Office Paper

## WHITENESS & OPACITY

Higher paper whiteness allows better print contrast and a visual sensation of superior quality. Papers with higher opacity are ideal for double side printing, since show through is minimized.



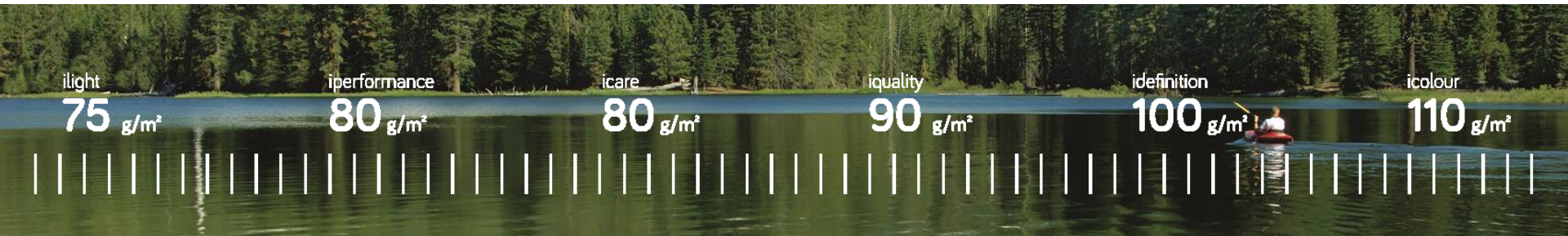
Original



Low opacity paper



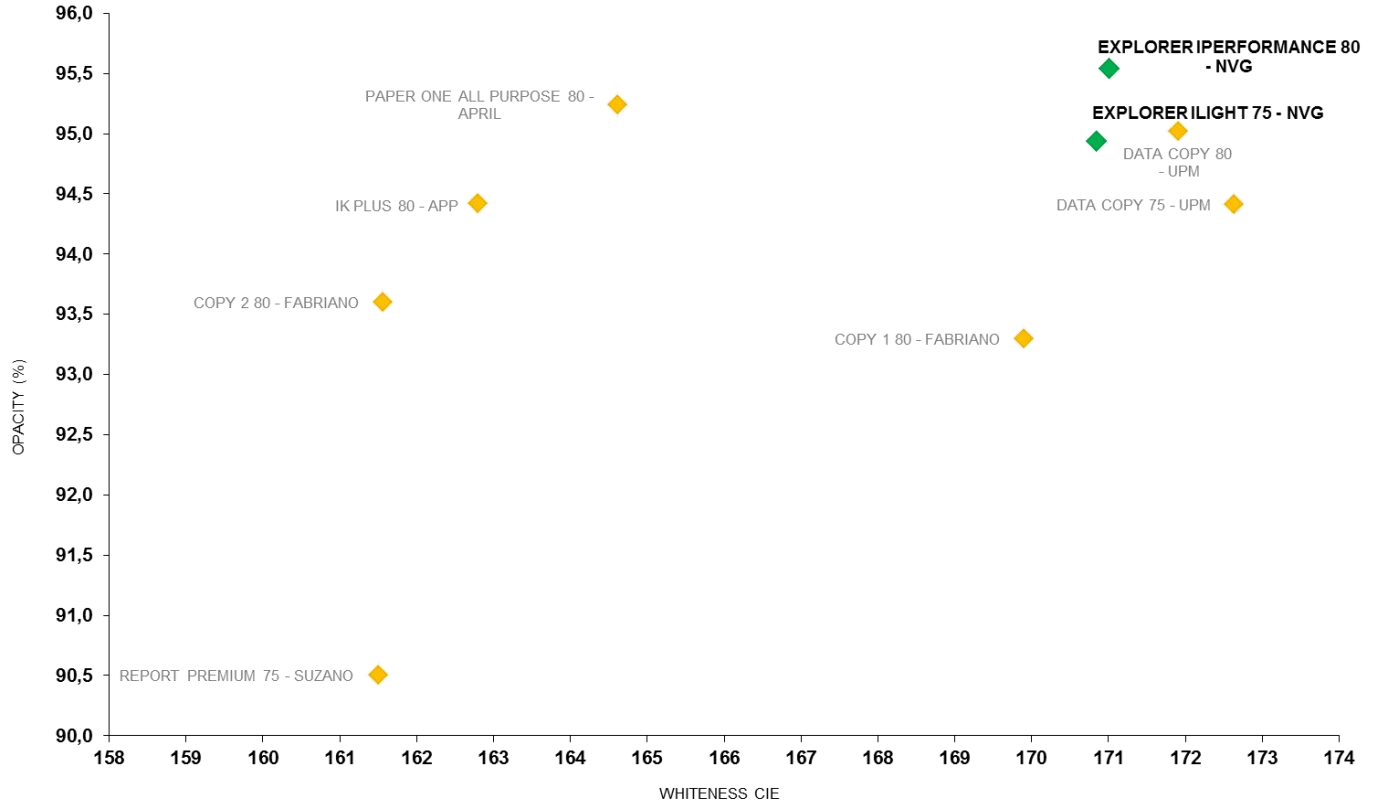
High opacity paper



# Premium Office Paper

## WHITENESS & OPACITY

The high whiteness of Explorer paper products allows an excellent print contrast, vivid colours and flesh tones. The superior opacity of Explorer papers minimizes show through, making them ideal for double side printing.



ilight  
75 g/m<sup>2</sup>

iperformance  
80 g/m<sup>2</sup>

icare  
80 g/m<sup>2</sup>

iguality  
90 g/m<sup>2</sup>

idefinition  
100 g/m<sup>2</sup>

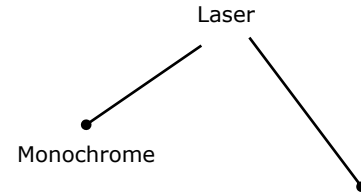
icolour  
110 g/m<sup>2</sup>



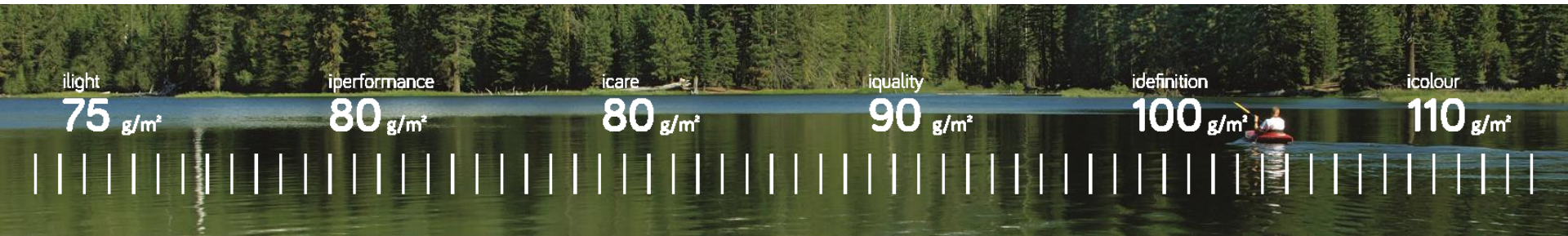
# Premium Office Paper

## OFFICE PAPER PERFORMANCE

The Navigator Company has a small industrial sheeting line just to guarantee that paper runnability is swiftly reported to production team, so that paper machine can be fine tuned in real-time. This procedure emulates exactly the finished product usage and accurately predicts paper curling behaviour. Finished products are regularly tested on an extended range of laser and inkjet office equipment, which covers over 90% of the market.



TESTS PERFORMED		MED/HIGH VOL.	LOW VOLUME	COLOUR	INKJET
RUNNABILITY	In-Ream	<b>a</b>	<b>a</b>	<b>a</b>	
	Curl Magnitude	<b>a</b>	<b>a</b>	<b>a</b>	
	Duplex	<b>a</b>	<b>a</b>	<b>a</b>	
Jams, Missfeedings, Multifeedings		<b>a</b>	<b>a</b>	<b>a</b>	<b>a</b>
PRINT QUALITY	Toner Adhesion, Deletions	<b>a</b>	<b>a</b>	<b>a</b>	
	Image Sharpness (Bleeding/ Feathering)				<b>a</b>
	Optical Density				<b>a</b>



# Premium Office Paper

## PRINTING QUALITY

A multifunctional paper has to guarantee a good printing quality both in inkjet printers and laser printers. Printing quality of Explorer papers is monitored on an extended range of laser and inkjet printing equipments, which cover over 90% of the office equipments market.

### Copier / Laser Printing Quality Index

Good Adhesion



Good Deletions



Bad Adhesion



Bad Deletions



### Inkjet printing quality index

Image sharpness



Optical Density



Good

Bad

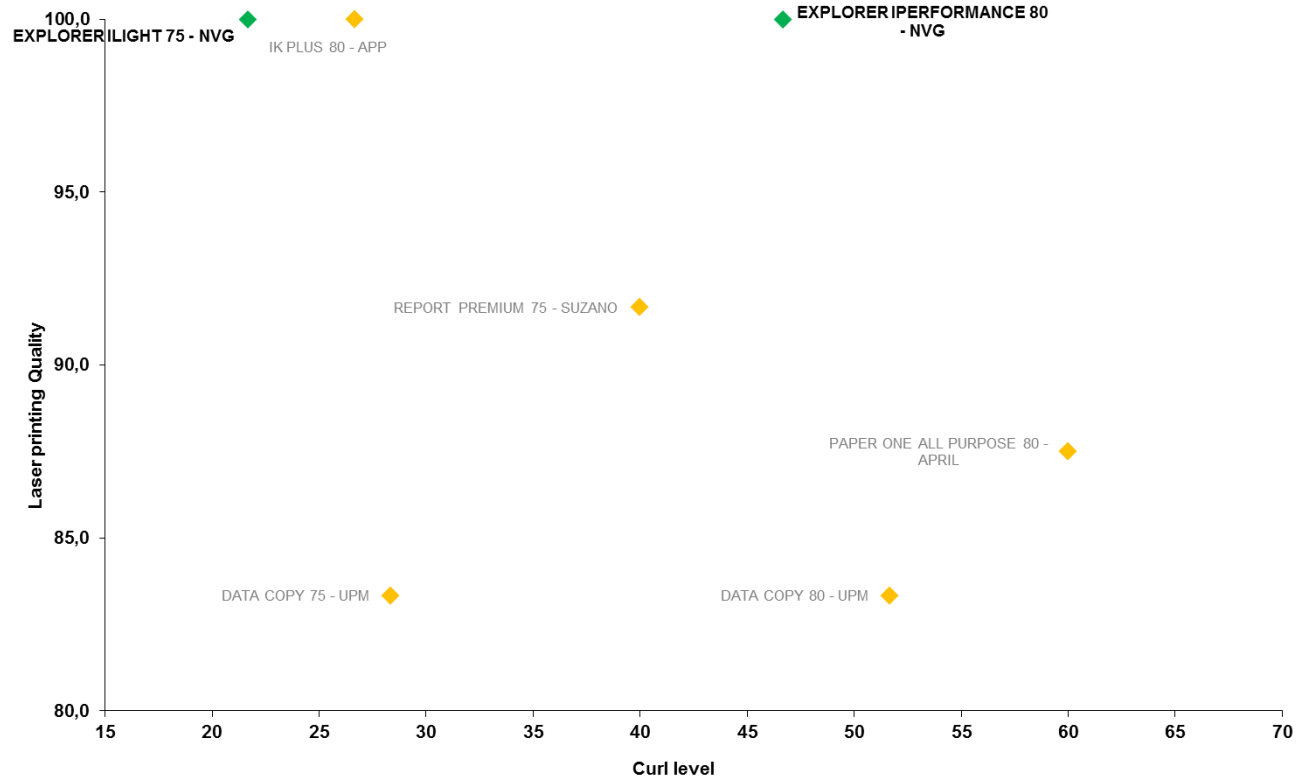




# Premium Office Paper

## OVERALL QUALITY

The Navigator Company's papers Curl levels are amongst the better of the whole sample of papers tested and present the best Laser and Inkjet printing ration of all the basket tested.



ilight  
75 g/m<sup>2</sup>

iperformance  
80 g/m<sup>2</sup>

icare  
80 g/m<sup>2</sup>

iguity  
90 g/m<sup>2</sup>

idefinition  
100 g/m<sup>2</sup>

icolour  
110 g/m<sup>2</sup>



# Premium Office Paper

## HIGH RUNNABILITY

Jam reduction increases the production speed and reduces processing errors. This is translated into a considerable production cost reduction (reduced paper loss, man power and production time).

HIGH STIFFNESS

HIGH THICKNESS/BULK

FLATNESS



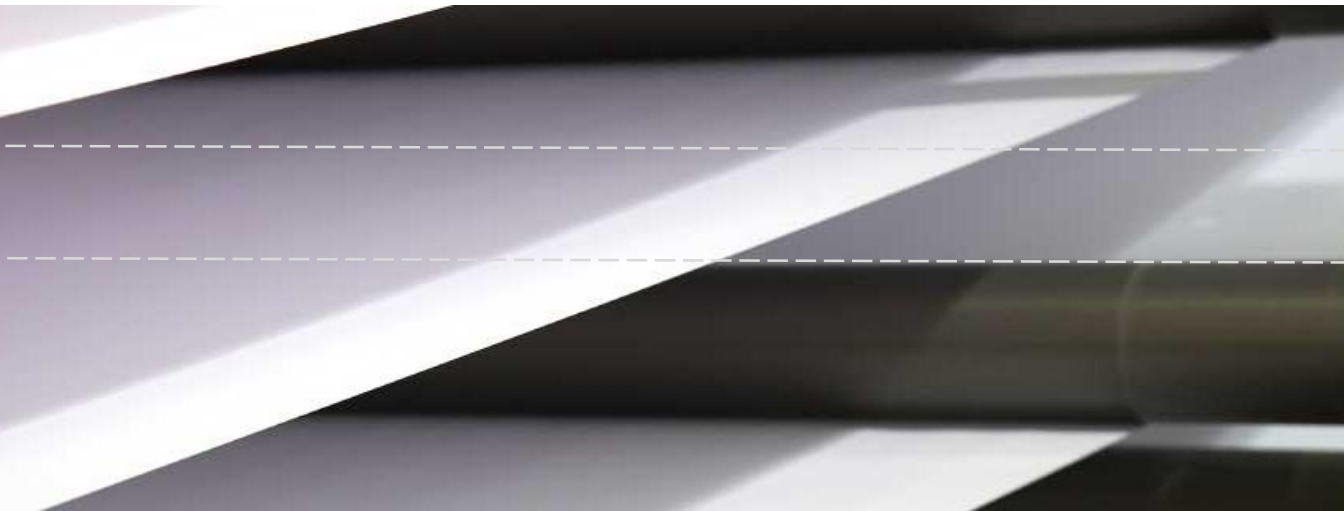
Superior machine performance, namely in high speed equipment



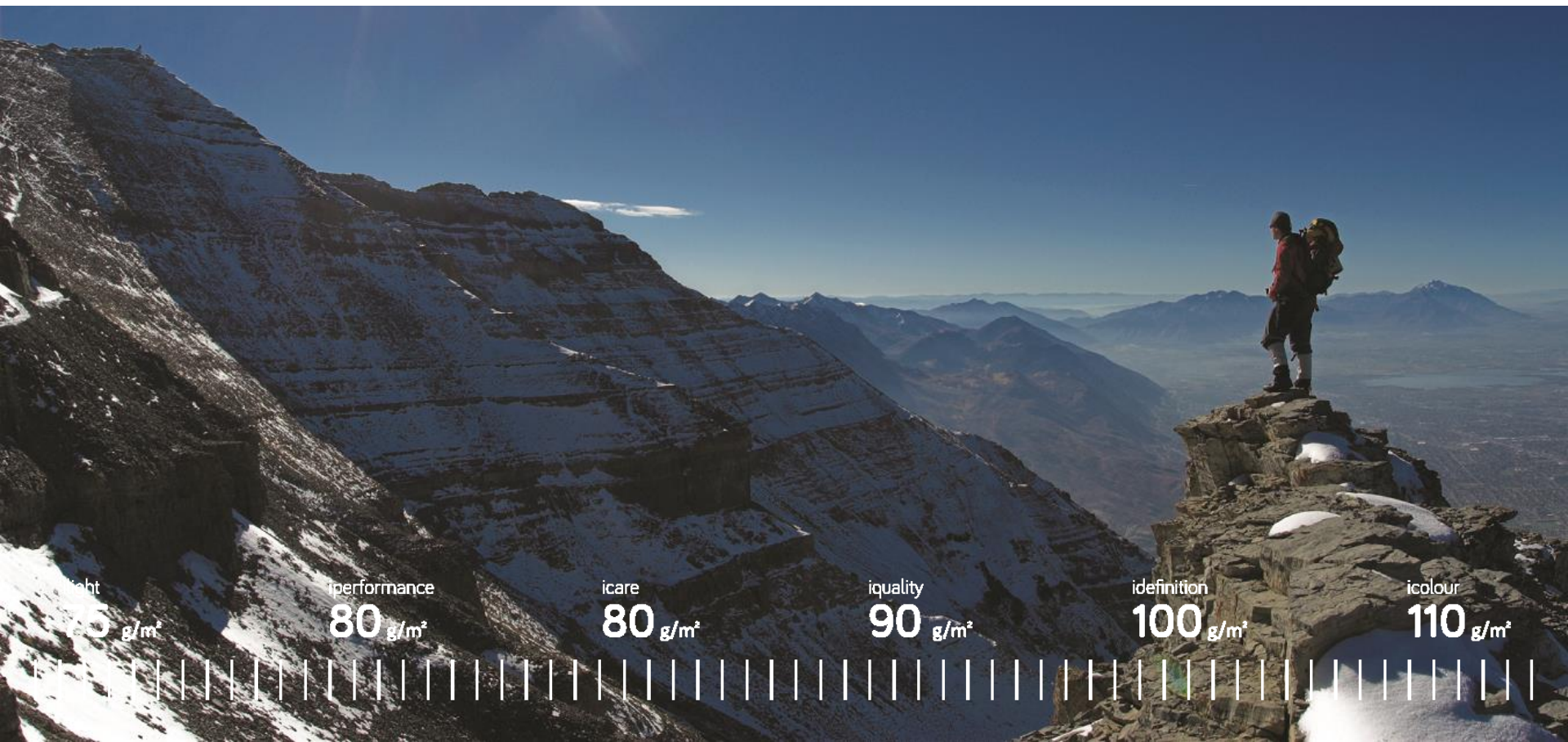
Better machine performance and runnability due to jam reduction



GOOD RUNNABILITY

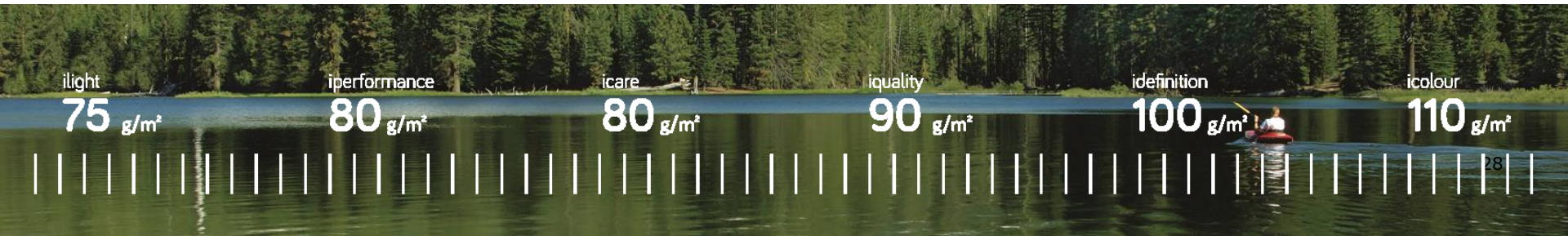
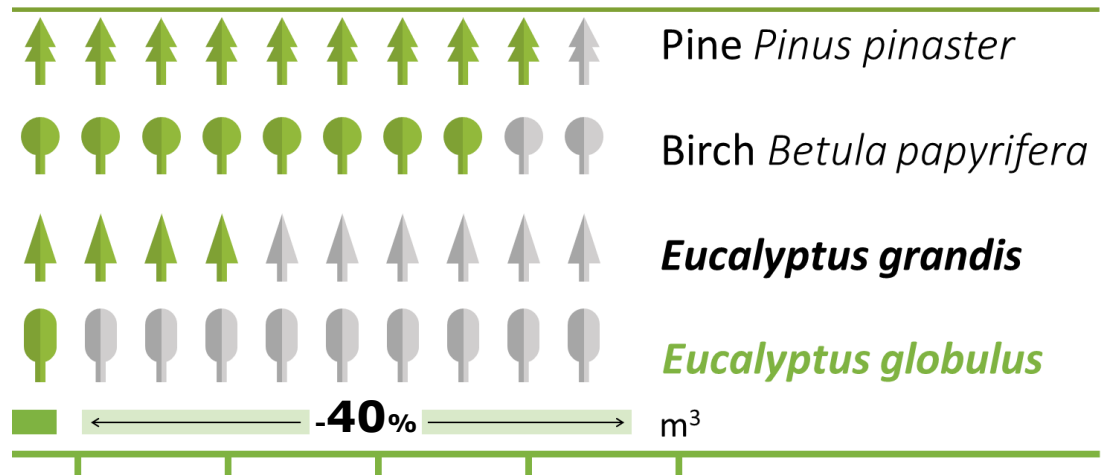


# 04 SUSTAINABILITY



# LESS WOOD PER TON OF PAPER

Our paper making technology and the type of fiber used allows Discovery to use up to 40% less wood volume to produce the same amount of paper.



## ROADMAP FOR CARBON NEUTRALITY

The Navigator Company has committed to a 90% reduction in its direct fossil CO<sub>2</sub> emissions at all industrial sites by 2035, with an investment of €158m. Any residual emissions will be offset, meaning that we will achieve a Carbon Neutral Industrial Process by that date. The reduction goal and target year are both more ambitious than commitments by national and European authorities.



Light  
**75** g/m<sup>2</sup>

Performance  
**80** g/m<sup>2</sup>

Care  
**80** g/m<sup>2</sup>

Quality  
**90** g/m<sup>2</sup>

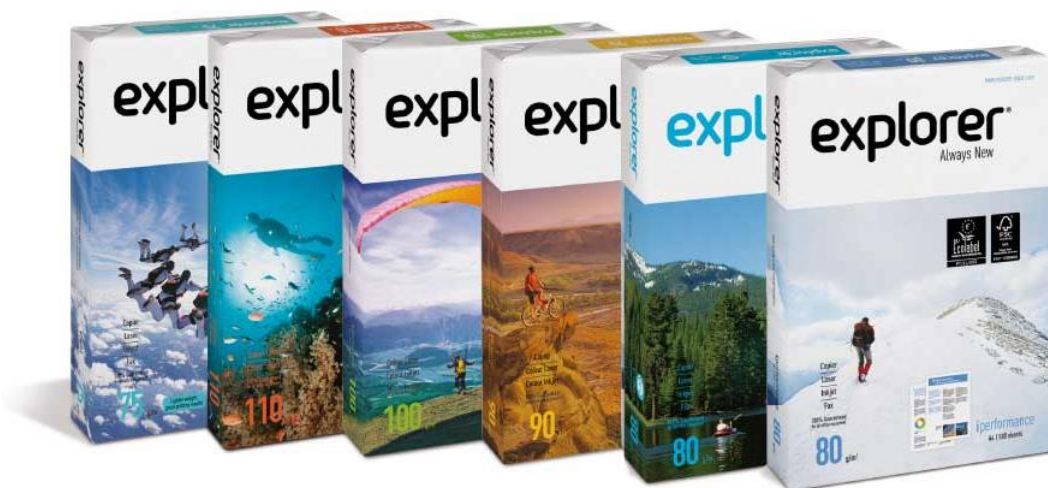
Definition  
**100** g/m<sup>2</sup>

Colour  
**110** g/m<sup>2</sup>



## Why to buy and sell Explorer

- Excellent **Performance** (optimized stiffness and thickness);
- **High Printing Quality** (high opacity and whiteness; excellent sheet formation and surface treatment);
- **Environmental** credentials (FSC, Ecolabel);
- **Quality Consistency** (same raw materials – Eucalyptus globulus fibre and tailor made PCC; same machine – high-tech)
- **Wide Range:** CS and Folio (several sizes and grammages to better fit your and your customer's needs)
- **Brand recognition**



light  
**75** g/m<sup>2</sup>

performance  
**80** g/m<sup>2</sup>

care  
**80** g/m<sup>2</sup>

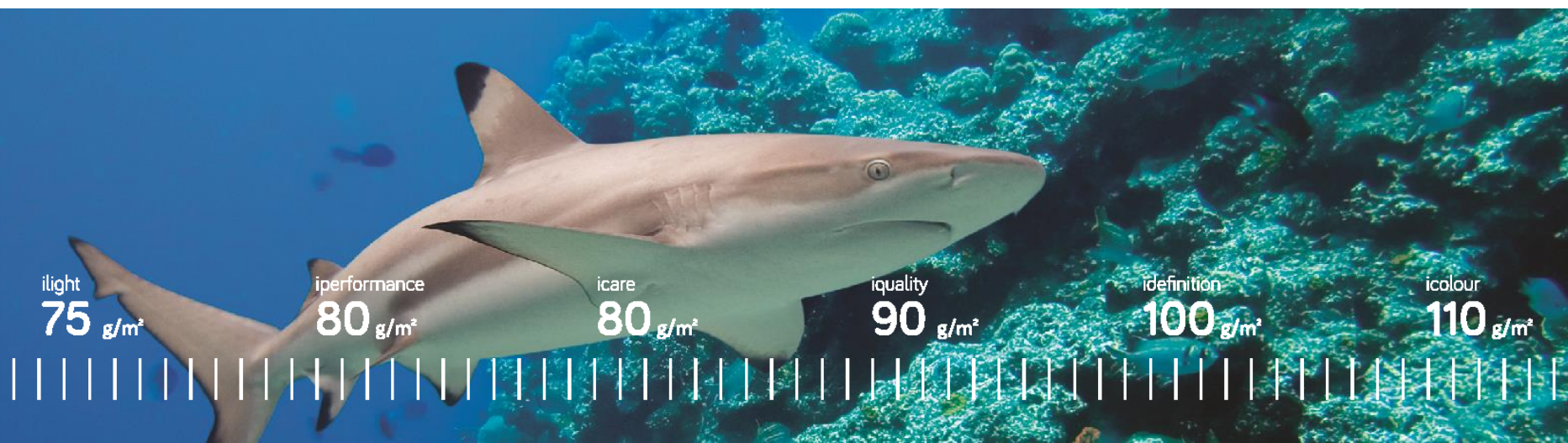
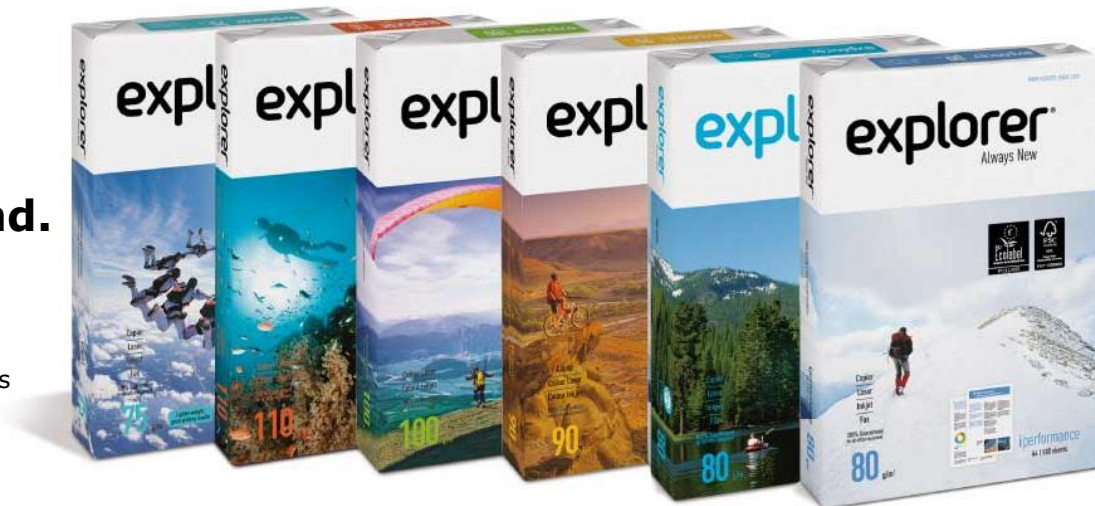
quality  
**90** g/m<sup>2</sup>

definition  
**100** g/m<sup>2</sup>

colour  
**110** g/m<sup>2</sup>

# Limits only exist in the mind. Dare to explore them.

With the right tools, even the most difficult challenges can be surpassed.



light  
75 g/m²

performance  
80 g/m²

care  
80 g/m²

quality  
90 g/m²

definition  
100 g/m²

colour  
110 g/m²



**explorer**  
Always New

**CUTSIZE PAPER**

06/06/2017