

Our Speciality Papers



The Power of Less®

Redefining Packaging for a Changing World

Papermaking isn't just something we do. It's at the heart of our entire business model and is central to delivering on our Purpose.

We believe our vision for the packaging industry can play a powerful role in meeting some of the world's complex consumer and sustainability challenges. By innovating and thinking differently we are developing the bespoke strategies and paper products our customers want and the environment needs.



Thinking differently

We take a flexible approach to our papermaking operations. While producing around four million tonnes of finished paper products every year, we are finding innovative ways to help our customers achieve more for less – sell more, reduce costs, manage risk and complexity in their supply chain.



Innovating together

Working with our customers to understand their needs, and with our suppliers to ensure we receive the highest quality of paper for recycling, we innovate to maximise the performance and strength of our packaging papers.



Putting sustainability at our heart

Whether it's ensuring that 100% of the fibre we use comes from recycled or chain of custody certified papers, reducing our carbon footprint, or mitigating our mills' water impact, sustainability is at the heart of our paper production processes.



Developing the right strategies

We focus on supplying our customers with the high-quality finished papers they need for their manufacturing processes. That's why we developed ways of working that ensure our sustainably sourced fibres become the papers needed for high-performance packaging solutions.

Your partner for speciality papers

We are a leading manufacturer of speciality papers for demanding markets including construction, food manufacturing, stationery and education, as well as high-performance papers for packaging production. All of our finished paper products are 100% recyclable and sustainably sourced.

From grey boards to white boards, all of our speciality papers are made using state-of-the-art technology to exacting standards.

Through our products, experience and knowledge, we are committed to ensuring consistent quality and service to our customers.



The size and scale to manage all your needs

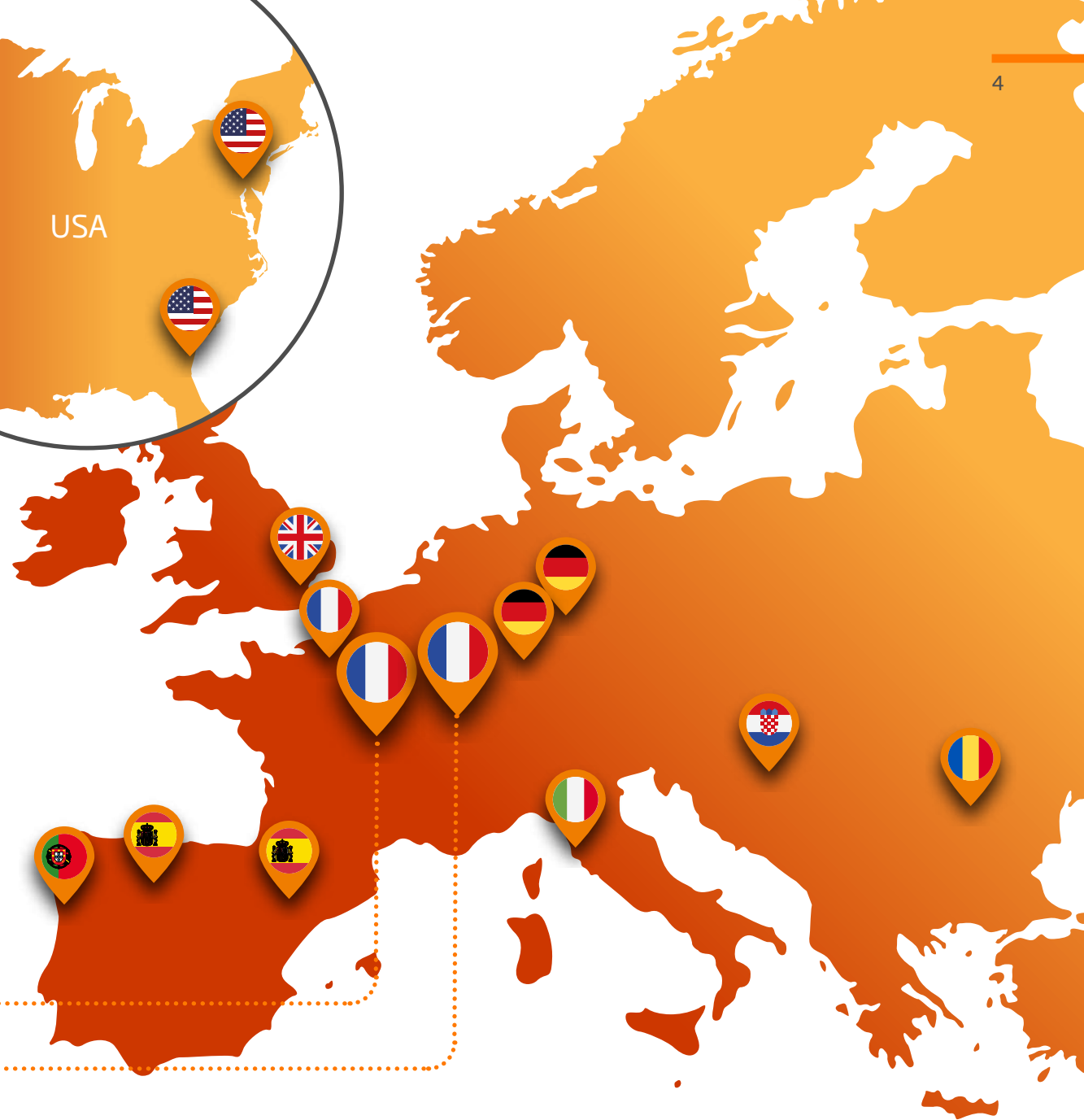


Kaysersberg

Our Kaysersberg paper mill is a major producer of flat recycled cardboard and a leading producer of paper for corrugated cardboard across Europe. With a production capacity of 180,000 tonnes of high quality special and technical cardboards, the mill has an ambitious continuous improvement programme and is investing in the quality and sustainability of our products and safety of our people.

Coullons

Founded in 1863, our Coullons plant manufactures a range of leading, speciality and technical papers for the winding market. With a strong emphasis on quality, the mill is also continuously developing new products. Like our Kaysersberg site, the mill has an ambitious continuous improvement programme and is investing in quality, sustainability and safety.



Paper that's good for your sustainability goals

Today's customers, employees, investors and shareholders all expect you to adopt a more sustainable approach. When you purchase our products, you can be certain they come from sustainably sourced or chain of custody certified sources.

Sustainability is at the heart of our papermaking and we work in partnership with you to select the right speciality, finished papers for packaging solutions that your business demands - whilst improving your environmental credentials at the same time.

Our Now and Next Sustainability Strategy focuses on closing the loop through better design, protecting natural resources by making the most of every fibre, reducing waste and pollution through circular solutions and equipping people to lead the transition to a circular economy.



Leading the way in quality

We are proud to be recognised for the high quality of our finished product.

Our focus on quality runs throughout all the key stages of the papermaking process, from raw materials to the finished product, providing our customers with the quality assurance they need.

Although most of our mills have an automated paper testing laboratory, all our mills are required to send regular samples into an independent, certified Paper Quality Centre based in Witzenhausen, Germany.

Our paper mills get regularly audited by independent assessors, who inspect all aspects of our management systems and papermaking.





Inventing, re-imagining and redefining to deliver the Circular Economy

From the way we make our paper to how we transport it to your doorstep, we have a track record of innovation and leadership in our industry.

We are already delivering new, smarter ways of working that improve our quality, service and sustainability credentials. We are increasing capacity and capabilities in our paper mills to not only produce more volume but lighter weight papers to respond to changing retail and e-commerce packaging requirements. Through all of our processes our designers and innovators are relentlessly pursuing every new opportunity to create circular solutions designed to eliminate waste and pollution, circulate products and materials, and regenerate nature.

- At our Kemlsey Mill, we have invested in a state-of-the-art laboratory to enhance the performance and sustainability qualities of our paper, including coatings, wet-end chemistries, surface chemistries, repulpability, and recyclability.
- By thinking differently about our Supply Chain Services, we are developing the right strategies to cut lead times, improve quality, assure supply and make us a more reliable supplier. All while reducing the impact of transport on our environment.
- We're already utilising digital technology in our mills to help us reduce power consumption, reduce contamination in raw materials, reduce fibre consumption, increase quality and more.

Our products

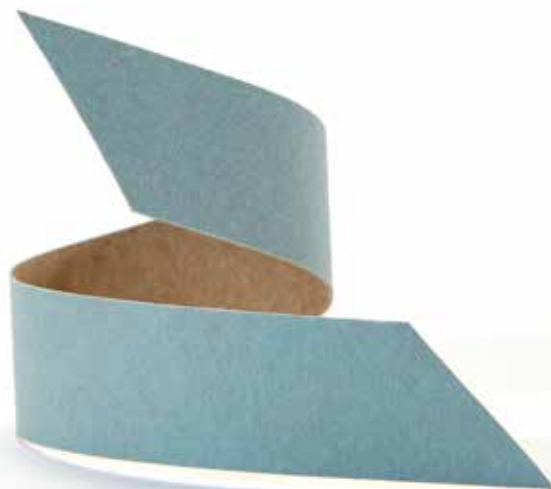
We offer you one of the widest choices of speciality products available. All designed and manufactured to meet today's sustainability challenges and provide the ideal material to satisfy your and your customers' needs.

On the following pages you will find details of our range, including grades and availability.



Product Range

Grade	Page
Grey Board	11
White Board	12
Testliner 1&2 / Testliner White 2	13
Technically Suited	14
NEW Alterplas Range	15



Key to Applications



Detergent boxes



Dividers/honeycomb cardboard



Tubes/cores



Corner protectors



Layer pads



Boxes



Cheese boxes



Drinks packs



Shoe boxes



Tissue/toilet paper cores



Palette crates



Engineered materials



Plasterboard



Composite boxes



Deep freezing boxes

Grey Board

Benefits

- Multiple jets
- Stiffness (adaptable according to the customer's specific uses)
- 100% recycled
- Flexibility (quantity/lead times - programme)
- High bulk
- Surface finish (cleanliness + smoothness)
- Stability
- Technical support

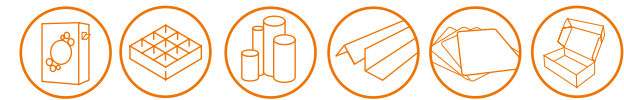
Technical Characteristics

Grammage (g/m ²)	250 to 720g (800g)
Width (mm)	(50) 65 to 3300 (3350)
Thickness (µm)	300 to 1100
Bulk (cm ³ /g)	1.3 to 1.6

Additional Characteristics

Cobb / WS - Surface condition - Smoothness - Stiffness - Burst strength

Key Applications



White Board

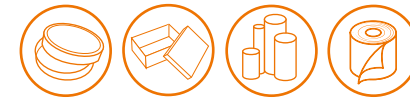
Benefits

- Multiple jets
- Stiffness (adaptable according to the customer's specific uses)
- 100% recycled
- Flexibility (quantity/lead times - programme)
- High bulk
- Surface finish (cleanliness + smoothness)
- Stability
- Technical support
- Embossing
- Printability

Technical Characteristics

Grammage (g/m ²)	240 to 600g
Width (mm)	65 to 3300
Thickness (µm)	300 to 1100
Bulk (cm ³ /g)	1.3 to 1.6
Whiteness	up to 83%

Key Applications



Testliner 1&2 / Testliner White 2

Benefits

- Burst strength
- SCT
- Multiple jets
- 100% recycled
- Flexibility (quantity/lead times - programme)
- Stiffness (adaptable according to the customer's specific uses)
- High bulk
- Surface finish (cleanliness + smoothness)
- Stability
- Technical support

Technical Characteristics

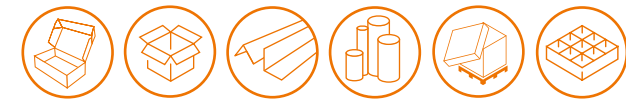
	TL 1&2	TLW2
Grammage (g/m ²)	210 to 450g	210 to 320g
Width (mm)	65 to 3300	65 to 3300
Thickness (µm)	*	*
Bulk (cm ³ /g)	*	*
Whiteness	Not applicable	Up to 80%

*According to the specifications requested

Additional Characteristics

Burst strength - Porosity - Cobb / WS - Surface finish - Smoothness - Stiffness

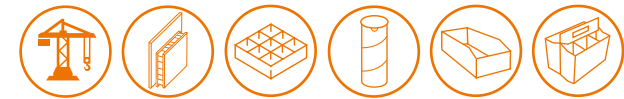
Key Applications



Technically Suited

- Our innovation team can support projects by listening to the customers' requirements and if needed to create innovative prototypes and products. Our team is volunteers from different departments uniting for their great interest in innovation. We have the ability to provide technical support when developing your customised projects.

Key Applications



Technical Characteristics

Grey board / White board / TL1 / TL2 / TLW2

Grammage (g/m ²)	200 to 720g
Width (mm)	(50) 65 to 3300 (3350)
Thickness (µm)	300 to 1000
Bulk (cm ³ /g)	1.3 to 1.6



NEW Alterplas Range

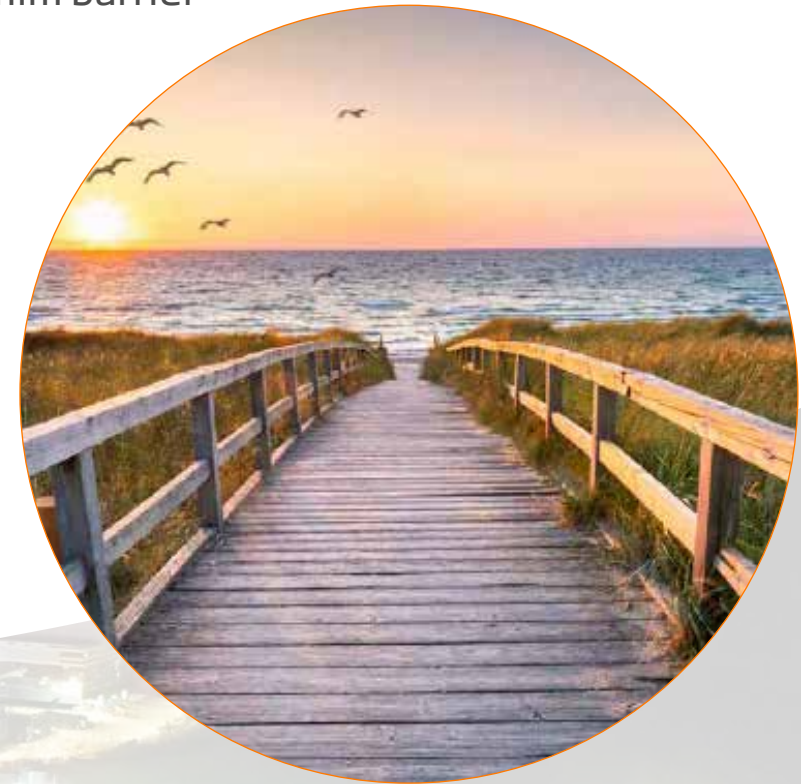
○ An alternative solution to 100% plastic

- DS Smith Kaysersberg used to manufacture single-use food-grade plates and bowls.
- These products were made from a cardboard substrate consisting of 100% recycled fibres and coated in a total barrier film (proof against water, grease, mineral oils, providing safe contact with foods, etc.), which was heat-sealable.
- Building on its knowledge gained with these types of products, DS Smith Kaysersberg now offers a completely new range for the inner and outer packaging of food products.
- This new range, ALTERPLAS, aims to replace the plastic currently in widespread use (polystyrene, PEHD etc.) by a more sustainable solution.
- Moving from plastic to the ALTERPLAS solution, we have reduced the amount of plastic by 96%, now replaced by recycled fibres offering all the protection guarantees achieved with a total barrier film and ensuring safe food contact as well as being heat-sealable.

96%
recycled fibres

2%
adhesive

2%
total film barrier





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