



Product catalog - solid board

ROYALPACK®

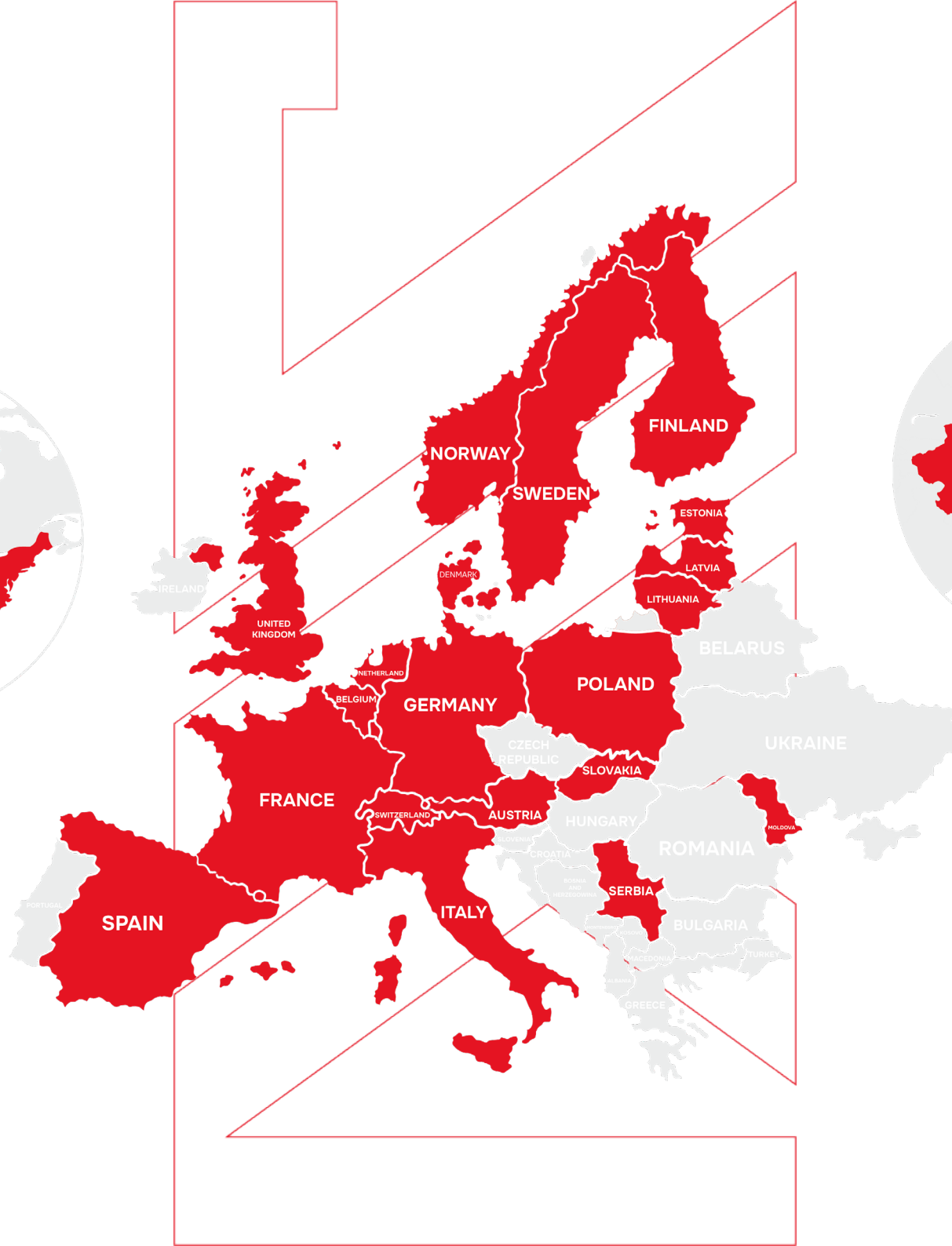
CONTENTS:

Our Potential	3
Solid board	5
Solid Bleached Sulfate (SBS)	6
Folding Box Board (FBB)	7
Coated Recycled Board (Duplex)	8
Coated Kraft Back (CKB)	9
Packaging	10
Standard Packaging.....	11
Counter Displays	12
Barrier Packaging	13
Customized Solutions	14
Contact	15



Our Potential

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28 years
of experience in the industry

13 000 m²
of surface area

45%
export sales

over **70 000 000**
products produced per year

160
employees

3,5 h
average response time
to customer inquiries

over **2 000**
trucks dispatched annually
with products ready
for customers

over **150 km**
of corrugated board
produced daily

over **100 000**
offset printed sheets daily

over **50 000**
flexo printed sheets daily

up to **20 000/h**
cutted sheets

up to **400 m/min**
of folded and glued solid board
packaging



Solid board

Solid board is a type of packaging material characterized by high plasticity in processing, as well as durability and stiffness. It is a durable raw material and at the same time is more environmentally friendly than other packaging materials, such as plastic. Royalpack aims at the appropriate selection of solid board suppliers, which is why our offered packaging is based on the highest quality paper grades in its category.

Current reality of solid board packaging requires choosing the proper raw material and there is no room for compromise. A number of key parameters influence the substrate selection, and these are: print quality requirements, product protection, design features and needs, durability and overall value. Among the wide range of materials available on the market, it is worth mentioning four main categories of substrates for solid board packaging.





Solid Bleached Sulfate (SBS)

Is a popular packaging material. It is made mainly out of chemically fragmented 1st generation fibre, which is later bleached, refined and formed into a single layer by a machine used in the production of solid board. SBS is white on both sides as well as on the entire surface of the sheet. The relatively short fibres of solid wood are coated and polished so that they create an outstandingly smooth surface enabling to produce offset printing of the highest quality.

SBS is perfectly applicable for embossing, hot stamping, creasing and gluing. Paper allows to make a clean cut and has sufficient internal and surface durability to enable high-speed printing with use of viscous oil-based lithographic inks. SBS has good stiffness properties and creasing-resistance. Other features, such as being hygienic and clean, as well as odourless and tasteless make it suitable for taste-sensitive products such as cigarettes, pharmaceutical products, chocolate and cosmetics. SBS tends to be more expensive in comparison to other substrates.





Folding Box Board (FBB)

Is the standard substrate for solid board packaging, also called FBB. Its structure consists of a middle layer of mechanical mass located between the outside layers of chemical mass. The top layer of cellulose pulp is bleached and pigment-coated. The back of the cardboard has a cream colour (manila). It results from the fact that the back layer of the bleached or unbleached chemical pulp is translucent. This allows the colour of the middle layers to affect the interior appearance of the cardboard.

FBB is a type of substrate made of virgin fibres which are characterized by full and stable purity providing the safety of the product. Combining the inside mechanical pulp layers with outside chemical pulp layers results in creating a durable and rigid sheet that makes it a material of low density and high stiffness. These fully-coated substrates provide excellent printing and visual effects of the packaging.





Coated Recycled Board (Duplex)

Is the most popular product around the world. CRB is usually produced from a mix of recycled paper, newsprint and mixed recycled paper. Its short fibres most often come from recycling, including at least 35% of them with “post-consumer” origins. It consists of eight or more layers of material whereas the outer layer is made of bleached or semi-bleached fibres.

CRB is the most common substrate used for low-cost solid board packaging in which the recommended or required composition should be recycled. It is dedicated for multifunctional packaging that does not have to be highly resistant to damage and the printing quality is not so important. However, it often exceeds other types in stiffness.





Coated Kraft Back (CKB)

Is a type of 5-layer substrate made from virgin fibres. The middle layer provides the structure with perfect stiffness, thanks to which low-grammage paper can be used in comparison to other kinds of coated substrates.

The outer layer is coated double what results in obtaining excellent printing surface. The inside layer is brown - kraft.

Furthermore, CKB is chemically and microbiologically pure, thanks to which it is suitable for all kinds of packaging for consumers.

CKB is the ultimate packaging material for such products as dry, chilled and frozen food, chocolate, beverages and alcohol. It can easily be used to produce collective packaging – an eye-catching packaging is lightweight, durable and easy to carry, open or recycle.





Packaging

Solid board unit packaging undoubtedly provides our graphic designers with unlimited creativity space. This is the packaging category where we take pleasure in offering a wide selection of refinements, such as embossing, hot-stamping or selective varnishes. We realise that our POS solutions end up at customer's houses. We make every effort in producing packaging, all for the satisfaction of the end-user.

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Standard Packaging

The FEFCO catalogue created by the European Federation of Corrugated Board Manufacturers is a systematized collection of standard packaging types. Particular types in the catalogue have their own codes. Such codes are used in everyday communication with the customer to provide information transparency and to eliminate potential ambiguities regarding particular types. It's worth mentioning that due to the material features, only some types from the FEFCO catalogue can be used in the production of solid board packaging.



Counter Displays

Counter displays, as the name suggests, are placed on the counter in the store. They are mainly used to show small products, e.g. food, cosmetics or office supplies. You can put materials or products for the purpose of advertising.

Counter display systems are light, aesthetic and practical at the same time. A counter display allows you to arrange the products in a practical way and highlight them. Thanks to the counter displays you are able to manage the cash register space and make it look well-organized, which may significantly increase the sale of the items kept there.

If you want to raise product sales, it is recommended to place the counter display directly at the checkout. This will encourage customers of a given store to notice the products while waiting in the queue, which might result in the sale increase on impulse.





Barrier Packaging

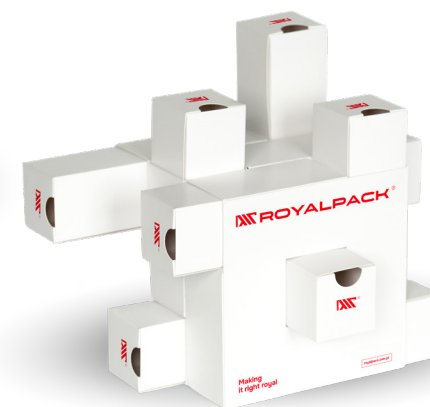
Packaging with barrier protection is one of our key specializations. We offer solutions allowing you to pack the products that require a surface resistant to moisture, grease or abrasion. We provide a specific level of barrier protection based on product requirements using both specialized paper and a hard barrier - PE and PET foil. Each of our solutions are certified for direct contact with dry, wet and greasy food.

The typical use of this category of products can be mainly seen in the food industry, e.g. meat, fish, cheese or cookies. Moreover, abrasion-resistant barriers are popular in the electronics and cosmetics industries.



Customized Solutions

Designing solid board packaging creates a variety of possibilities. The material that we deal with here is remarkably flexible which allows to come up with unique structures. Our offer includes solutions within a single block or ones consisting of plenty of connected elements, such as the cube-shaped Advent calendar shown in the picture. We have named it „CUBE”. Its structure consists of 24 built-in pull-out solid board drawers. Such offered solution may be a wonderful gift for different occasions.





ROYALPACK[®]

Poland
Al. Brzozowa 2A, Słone
66-008 Świdnica

(+48) 534 747 400
kontakt@royalpack.com.pl

www.royalpack.com.pl