

RKW ProVent®

# ECORE5

The sustainable alternative  
to paper bags



**rkw**  
WHEN EXCELLENCE  
MATTERS

**100%**  
**Recyclable**

EU STANDARD 2020  
compliant



## The sustainable packaging solution for moisture-sensitive goods

Our mission at RKW is to provide our customers with sustainable film solutions that enable them to improve the daily lives of consumers all over the world. This philosophy is reflected in our self-venting plastic sack RKW ProVent® ECORE 5.

Environmental protection starts with product protection. Building materials, chemicals, construction chemicals or food are produced consuming large amounts of energy and emitting significant quantities of CO<sub>2</sub>. Manufacturing 25 kg of cement, for example, releases 14 kg of CO<sub>2</sub>.

Every undamaged sack helps to protect our environment. With sales in excess of 450 million units, the RKW ProVent® range offers ultimate product protection—because 99.5% of our sacks remain intact throughout their use.

The RKW ProVent® ECORE 5 adopts the same sustainable concept. Made partly of recycled plastic waste, its recyclate content will gradually be increased to reduce the use of primary resources.

What's more, the RKW ProVent® ECORE 5 can be completely recycled, unlike composite materials made of paper and plastic.

This means that for 10 years now the RKW ProVent® range has met the requirements of the EU standard for 2020.

**RKW ProVent® ECORE5**

# 100% recyclable

RKW ProVent® ECORE 5 is completely recyclable and for 10 years now has met the requirements of the EU standard for 2020. Unlike many other solutions, no composites are used.

Recycling is therefore much easier, more efficient and requires 90% less energy than other packaging solutions.

RKW ProVent® ECORE5





## 40% less packaging material

By reducing the film thickness (down-gauging), RKW ProVent® ECORE 5 limits the use of resources to the necessary minimum and has one of the lowest packaging weights at the same time.

This saves resources, reduces storage, transportation and recycling costs and leads to lower energy consumption.

**RKW ProVent® ECORE5**

# Maximum product protection

Highest tear and impact resistance provide ultimate product protection. The RKW ProVent® ECORE 5 is very rarely damaged during filling, transportation, storage and use.

With 10% less product losses compared to paper sacks, RKW ProVent® ECORE 5 saves e. g. 1.4 kg CO<sub>2</sub> per cement bag.

**RKW ProVent® ECORE5**





## Moisture barrier and UV protection

RKW ProVent® is the world's first plastic bag with an integrated venting system. With a moisture barrier, that is up to 40 times better than paper sacks, it is ensured that no air dust, dirt or moisture from outside can damage the goods.

Combined with best UV stability, this provides an extended shelf life.

**RKW ProVent® ECORE5**

# Clean overall process

The clean filling process of RKW ProVent® ECORE 5 protects users and the environment, and significantly reduces contamination.

The same applies to any further processing up until end of usage. In fact, product protection is environmental protection.

**RKW ProVent® ECORE5**



NEW!

RKW ProVent®

ECORE5

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alternative to  
paper bags



## Discover the sustainable alternative to paper bags now

If you want to know more about the RKW ProVent® range or other sustainable RKW Ecore solutions, please contact us on **T +49 (0) 55 53-201 80** or **[RKWProVent@rkw-group.com](mailto:RKWProVent@rkw-group.com)**. We look forward to a dialog with you!

RKW ProVent® Ecore5

The RKW Group is an independent, family-owned company and one of the world's foremost manufacturers of excellent film solutions. RKW is the market leader in the areas of hygiene and agricultural films, films for the beverage industry and packaging for powdery goods.

In addition, the company makes films and nonwovens for medical applications, for the chemical and converting industries and for the construction sector.

In the 2018 fiscal year, RKW generated total sales of EUR 878 million. About 3,000 employees process 367,000 tonnes of plastic materials at 20 locations around the world.

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