

High-tech packaging for the hollow glass industry

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KARTON IS ONE OF THE MAJOR WORLDWIDE PRODUCERS OF CORRUGATED FLUTED POLYPROPYLENE BOARDS FOR THE GLASS INDUSTRY. THE COMPANY RECENTLY OPENED A BRAND NEW FACILITY IN DEFOREST, WISCONSIN, IN THE UNITED STATES, TO SERVICE AN EXPANDING CLIENT BASE IN THAT



COUNTRY. IN THIS ARTICLE, **GLASS MACHINERY PLANTS & ACCESSORIES** PRESENTS AN OVERVIEW OF THE COMPANY.

Cartonplast Trading GmbH
Dietzenbach headquarters, Germany

FROM FURNITURE TO GLASS

Karton, founded in 1967, in the north east of Italy, was originally engaged in the production of cardboard packaging for furniture. It was over ten years later that the com-

pany began producing Cartonplast, a corrugated fluted polypropylene board, a material which found its ideal application as a packing media in the palletizing of glass containers. In 1985, Cartonplast Trading was founded, to allow operations to extend worldwide. In

1997 Karton moved its headquarters and production facility to a new site in Sacile, northern Italy. Today, all the development and the manufacturing of new technological-ly advanced polypropylene materials is undertaken at the 100,000 square metre Sacile installation.

Clean layer
pads

BRAND NEW PLANT

Benno Hasenfratz, CEO of Cartonplast, told *Glass Machinery Plants & Accessories* that it was the rapid development of the business that brought about the need for new manufacturing facilities, the latest of which opened in DeForest, Wisconsin, in the United States. The opening of the latest facility was undertaken to give better service to American customers.

“Today”, continued Hasenfratz, “Cartonplast has become a word synonymous with cor-rugated plastic, worldwide”. Whilst Cartonplast is similar in appearance to that of corrugated cardboard, the major difference is the construction material, which requires less raw material for its production.



Logistics

PRODUCT RANGE

Amongst the most advanced product developments are Fluted Cartonplast and the compact Eplak sheets. They are respectively copolymer and omopolymer resins, both being synthetic resins which are polymers of propylene, better known as polypropylene. The ability of these materials to cover a vast range of shapes and sizes has secured their use in a variety of applications within many industrial sectors.

Moreover, the use of polypropylene ensures that all that is produced can be reused, which, in turn, enables the creation of further polypropylene products without waste, and without impact on the environment. In this respect, the company’s spokesperson told us that the demanding philosophy to reduce, reuse and recycle is harmonized with the Karton ethos and encompassed in all its products.

The concept of reusing has been taken a step further with Cartonplast Trading. This division has been supplying, renting and cleaning Cartonplast and Eplak re-useable layer pads for over 18 years.

The concept has evolved even further with the Cartonplast Pool System, which is a logistic circulation system. Cartonplast Trading, based in Dietzenbach, near Frankfurt in Germany, has branches in Spain, Portugal, United Kingdom, the United States, Poland and Turkey, with agents in France, Mexico, Russia, Bulgaria and China. The idea behind the

Cartonplast Pool System is that, since the product is reusable, instead of sheets being purchased outright, the Cartonplast group can organize and manage a pool of companies within the beverage and bottling industries that share returnable and hygienically cleanable transport packaging. In detail, this service comprises:

- supply or renting of polypropylene layer pads, pallets and top frames;
- cleaning of layer pads;
- full logistic service;
- administration of layer pad movements; and
- replacement of unusable layer pads.

This service is made possible by common standards within the beverage and bottling industries that the Karton and Cartonplast Trading GmbH have complied with, obtaining ISO 9001:2000 and HACCP certifications. The company says that its layer pads, supplied with sealed edges and rounded corners, have, in fact, improved general packing standards leading to higher pack stability, hygiene and savings due to the many times they can be re-used. One of the main features is the sealed edge that allow washing and disinfecting of the layer pads before placing them back into circulation. Both the corrugated



Rented layer pads

and the compact layer pads are environmentally friendly and meet the FDA and European food additive regulations covering food contact. The durability of Cartonplast layer pads in packaging

applications, even for outdoor use, means they can be used for longer. The twin wall structure produces strength and rigidity whilst being lightweight, thus reducing the amount of material required. They are superior to conventional cardboard pads thanks to their properties, avoiding penetration of liquids or dust, thus effectively acting as a barrier.

“The business community understands that packaging which can be used more than once is economically advantageous. Try it and convince yourselves of the quality of our products and services: Cartonplast Group gives you a World Global Packaging Solution”, Hasenfratz concluded.

Cleaning facility



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