

FOODBOARD™

HOLISTIC SECURITY CONCEPT

1

is a safe food cartonboard packaging with a functional barrier which shields packed food against the migration of mineral oils

2

stands for precise quality management through analytical lab testing of each production

3

sets precise quality parameters for printing, cutting, glueing and packing in the Converting Guideline

4

enables continuous traceability of the packaging covering the entire production process

5

communicates product safety through the optional inclusion of the FOODBOARD™ logo on the packaging design

6

is a pure cartonboard, fully recyclable, bio-degradable and available with FSC® or PEFC™ certification



FOODBOARD™

RECYCLED CARTONBOARD

—

GT1 BRIGHT REVERSE SIDE
GT4 BROWN REVERSE SIDE

FOODBOARD™ virgin fibre

VIRGIN FIBRE CARTONBOARD

—

GC CREAM REVERSE SIDE

MAYR-MELNHOF KARTON
GESELLSCHAFT M.B.H.
WWW.MM-KARTON.COM

FOODBOARD@MM-KARTON.COM
TEL.: +43 1 50136-0

LAST UPDATE: 2Q 2017

FOODBOARD™

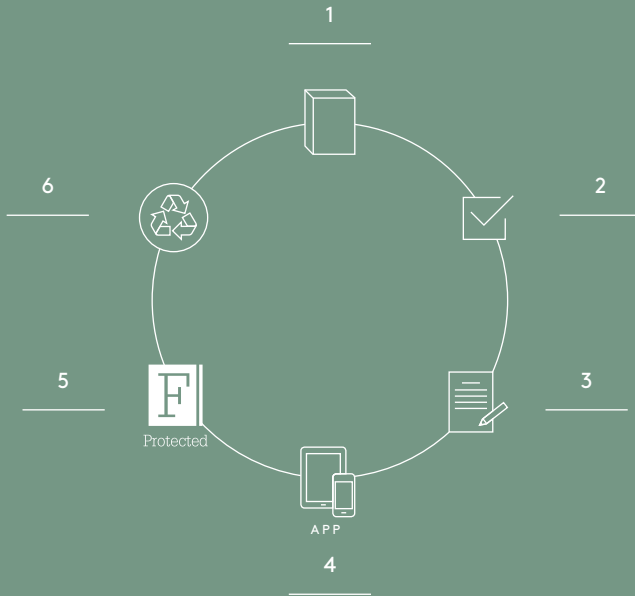
CARTONBOARD WITH
FUNCTIONAL BARRIER

PROTECTS AGAINST MINERAL OIL

FOR SUSTAINABLE AND
SAFE FOOD PACKAGING

FOODBOARD™

HOLISTIC
SECURITY CONCEPT



With FOODBOARD™, Mayr-Melnhof Karton has developed the next generation of cartonboard which ensures the highest product safety thanks to its holistic security concept.

As the world's leading producer of cartonboard solutions, the protection of consumer health is a top priority for Mayr-Melnhof Karton.

FOODBOARD™ AVAILABLE AS RECYCLED AND VIRGIN FIBRE CARTONBOARD ON THE MARKET

The new cartonboard grade is an internal development from Mayr-Melnhof Karton with an innovative barrier concept as the core component. FOODBOARD™ is a pure cartonboard solution and is produced inline as a recycled cartonboard (GT1 and GT4) on the board machine at the Frohnleiten mill in Austria as well as a virgin fibre cartonboard (GC) at the Baiersbronn mill in Germany. The current available capacity for FOODBOARD™ is about 400,000 tonnes per annum. This corresponds to about 30 billion folding cartons annually.

FOODBOARD™ STANDS FOR PRODUCT SAFETY

FOODBOARD™ shields packed food against the migration of defined unintended substances such as mineral oils, phthalates and bisphenol A. The barrier provides comprehensive protection against penetration from printing inks and the environment, which can infiltrate packed food during transportation, storage and at the point of sale. Thanks to the FOODBOARD™ App continuous traceability of the packaging covering the entire production process is enabled. Accordingly, FOODBOARD™ reliably protects against cross-contamination and means transparency throughout the supply chain.

FOODBOARD™ PRESERVES PRODUCT QUALITY

In close collaboration with leading international consumer goods producers, extensive long-term real-life tests (up to 30 months) have been carried out in a wide variety of food segments including cereals, chocolate, pasta, tea, bakery products, fast food and rice. The results of more than 40,000 internal and external migration analyses have confirmed conclusively the effectiveness of the functional barrier. The knowledge gained from the real-life tests has been summarised in a Converting Guideline.

Hundreds of millions of FOODBOARD™ packages on the supermarket shelves demonstrate the highest food safety as well as excellent printing and converting results and the best packing line performance. Laboratory analyses and test series by our customers have confirmed a longer shelf-life for packed foods like cereals, top protection from negative organoleptic influences, which is important for tea and chocolate, as well as slightly grease-resistant attributes, for example for special varieties of rice. FOODBOARD™ preserves the quality of the packed foods.

FOODBOARD™ ENSURES CONSUMER CONFIDENCE

FOODBOARD™ complies with the European regulations and laws for direct food contact. Leading, accredited, independent European institutes have issued relevant declarations of food conformity and confirmed that FOODBOARD™ meets the latest published statutory requirements of a possible "mineral oil regulation" from the German Federal Ministry for Food and Agriculture (BMEL) as well as the efforts at the European level. These analyses prove that by the use of FOODBOARD™ no migration of MOAH into food above the detection limit 0.15 mg/kg exists. With the FOODBOARD™ logo on the packaging, food producers have the opportunity to communicate their commitment to product safety, thus significantly strengthen consumer confidence and inform authorities of the functional barrier on the shelves.

FOODBOARD™ IS ENVIRONMENTALLY SUSTAINABLE

FOODBOARD™ is an environmentally friendly, pure cartonboard solution, not an extruded or laminated compound, and it is therefore recyclable and bio-degradable. The innovative cartonboard consists of renewable resources and is available with FSC® or PEFC™ certification. FOODBOARD™ secures the ecological benefits of a sustainable packaging economy.