

AKOMEX Group

# ECOLOGICAL BARRIER SOLUTIONS

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## MINIMISATION OF RECYCLING CHARGES

ISO 15378



BRCGS  
Packaging and  
Packaging Materials  
CERTIFIED

ISO 9001

**Ecological barrier solutions** allow to eliminate plastics from packaging, preserving their key properties. Thanks to this, the manufacturer obtains alternative solutions in 100% from the cardboard – easy to recycle, convenient for the consumer and beneficial for the environment. Akomex has effectively eliminated plastic materials from barrier packaging in industries such as meat, dairy, bakery or food service.

**By introducing alternative cellulose-based monomaterial solutions without the involvement of plastics barrier packaging is fully recyclable, consumer-friendly and environmentally beneficial.**

- Safe in contact with food
- Full recyclability (paper, cardboard)
- Fossil raw material free
- Reduction of carbon footprint
- Biodegradability
- Lower product charges
- Solutions adapted to the product



#### GASTRONOMY

Hamburgers, nuggets, fries, wraps, takeaway food



#### FRESH FOOD

Salad, sandwiches, sushi, donuts, cakes, baked goods, vegetables, fruit



#### DRY FOOD

Muesli, cereal flakes, cookies, chocolate, sweets



#### FROZEN FOOD

Ice cream, pizza, hamburgers, wraps, fish fingers, casseroles, croissants

#### CASE STUDY I – INDUSTRY: POULTRY

Packaging of frozen coated poultry products using polyethylene.

**Akomex solution:** Elimination of polyethylene from the packaging structure allowed changing the qualification of the material in terms of recycling, which has contributed to the reduction of product fee by 93% for the PL market.

# 2

#### CASE STUDY II – INDUSTRY: BAKING

Tray for packing croissants of aluminium, paper laminate with foil.

**Akomex solution:** Packaging using cardboard based monomaterial with a special high temperature resistant barrier coating. Modification of the qualification of recycled material allowed for a reduction of the product fee by 70% for the PL market.



# 3

#### CASE STUDY III – INDUSTRY: DAIRY

Tray for sliced cheese, produced in combination of paper and polyethylene.

**Akomex solution:** Elimination of polyethylene as a cardboard coating and development of a barrier material of paper without the participation of plastics. Change of the recyclability of the material allowed for a reduction of the product fee by 93% for the PL market.

#### DEDICATED SOLUTIONS

Each product reacts differently in contact with cardboard. Therefore, green barrier solutions of Akomex are developed individually and tested with the relevant product, taking into account changing conditions during each stage of the logistics chain.



Contact us

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