

GO FUTURE

Laws and regulations

Barrier-optimized coating for non-stick coated electrical appliances and kitchen gadgets

ILAG coatings are always characterized by their innovative, eco-friendly and high quality features. In this market, compliance with food safety standards plays a decisive role.

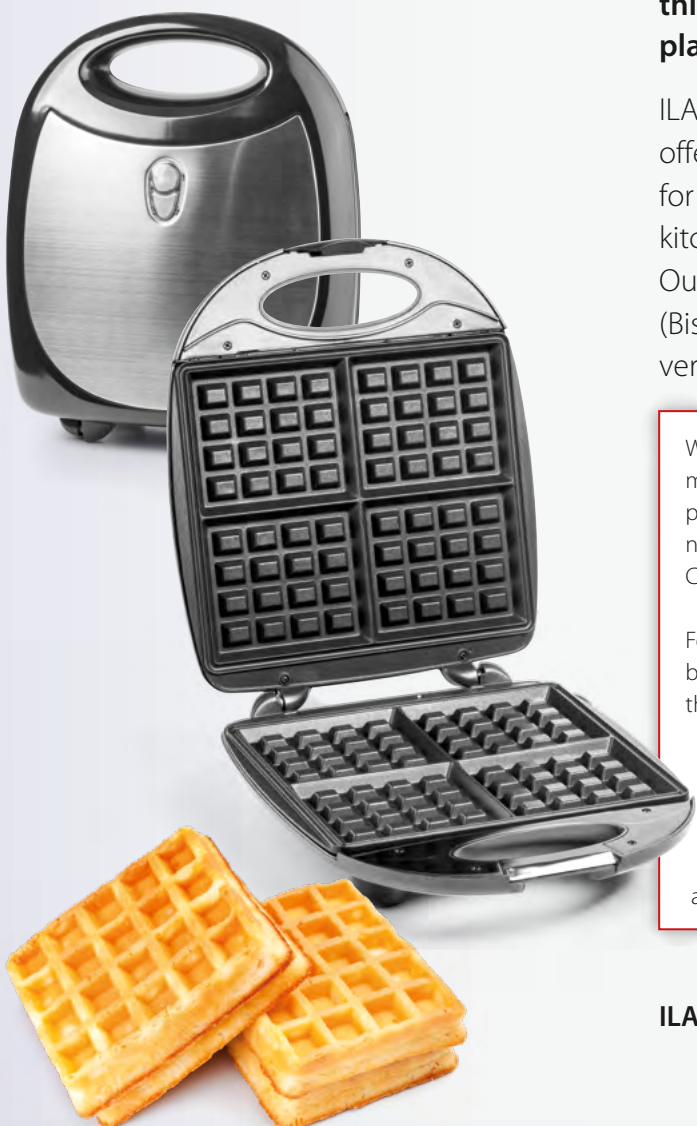
ILAG is now extending its "Swiss Shield" technology offering with a barrier-optimized solution that is suitable for non-stick coated electrical home appliances and kitchen gadgets.

Our "Swiss Shield" offering is also available as BP A-free (Bisphenol A) and as NMP-free (N-Methylpyrrolidone) version.

Within in the European Union, the regulation 10/2011/EU on plastic materials and items intended to come into contact with food applies partly for nationally regulated coatings, too. As this regulation does not cover the test of non-stick coatings on metal surfaces, the EDQM CM/Nr. (2013)9 applies for metal migration.

For some time, ILAG has successfully offered and sold a range of barrier-optimized coatings called "Swiss Shield" for bakeware products that are produced either in coil or spray processes. It is a coating system that significantly reduces Global Migration. With this system we enable customers to keep overall migration levels below 10mg on 1dm² also in the most critical bakeware mold, the muffin tray. In this analysis of overall migration according to Regulation 10/2011/EU, a coated baking mold is exposed to 3% acetic acid at 100 °C for 3 x 4 hours.

ILAG – always one step ahead for the sake of our customers





Swiss Shield for Electrical Appliances and kitchen gadgets

- Is an established technology from Bakeware
- Is a barrier-optimized coating range
- Reduces significantly global migration (overall migration below 10 mg on 1 dm²)
- Passes overall migration test with 3 x 4 h (3% acetic acid at 100 °C)
- Passes EU 10/2011 and EDQM CM/Nr. (2013)9

NEW products are available

- CORFLON® Ultra Swiss Shield – universal two-layer non-stick system (water-based)
- ILAFLON® Select SP-300 Swiss Shield – universal one-layer non-stick system (solvent-based)

With Swiss Shield European legal requirements are met with ease.

