

GO FUTURE

Laws and regulations

When you expect more than just what current statutory regulations require, ...

... yet another innovation solution:

Barrier-optimized coatings for spray and coil coating applications used in the manufacture of baking molds.

ILAG coatings have always featured innovative, environmentally friendly properties. For that reason, a continuous analysis of overall migration is extremely important to us.

Within the European Union, the Regulation 10/2011/EU on plastic materials and items intended to come into contact with food applies.

That regulation applies only for plastic articles, but not for metallic baking molds.

Since there is no special regulation for non-stick coatings at the European level, ILAG has nevertheless developed a barrier-optimized coating for the production of baking molds using the spray and coil coating process, without any use whatsoever of materials containing NMP (N-methylpyrrolidine) or BPA (Bisphenol A). Although not yet required today, this solution satisfies the strict criteria potentially imposed by the EU Directives in the future. For further information about the test methods we use to prove compliance with the criteria, please see Page 2.

While maintaining our previously established quality and performance profile, we have once again demonstrated that ILAG products far surpass European regulatory requirements.

Another huge advantage for dealers and end consumers.



INNOVATION NO. 6:

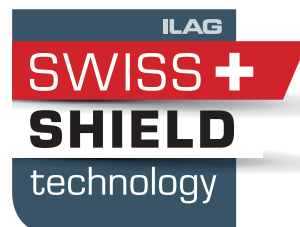
SWISS SHIELD technology

The barrier-optimized coating solution without the use of NMP or BPA-containing raw materials,
from ILAG in severe overall migration test

Conventional
non-stick coating



Non-stick coating
with ILAG SWISS SHIELD technology



Overall migration analysis (according to EU 10/2011)

In this analysis of overall migration according to Regulation 10/2011, a coated baking mold is exposed to 3% acetic acid at 100 °C for 3 x 4 hours.

Overall migration must not exceed 10 mg on 1 dm².

