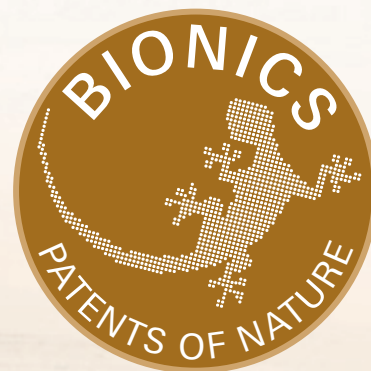




## GECKO® Ultra

### Adhesive for seeds and decoration

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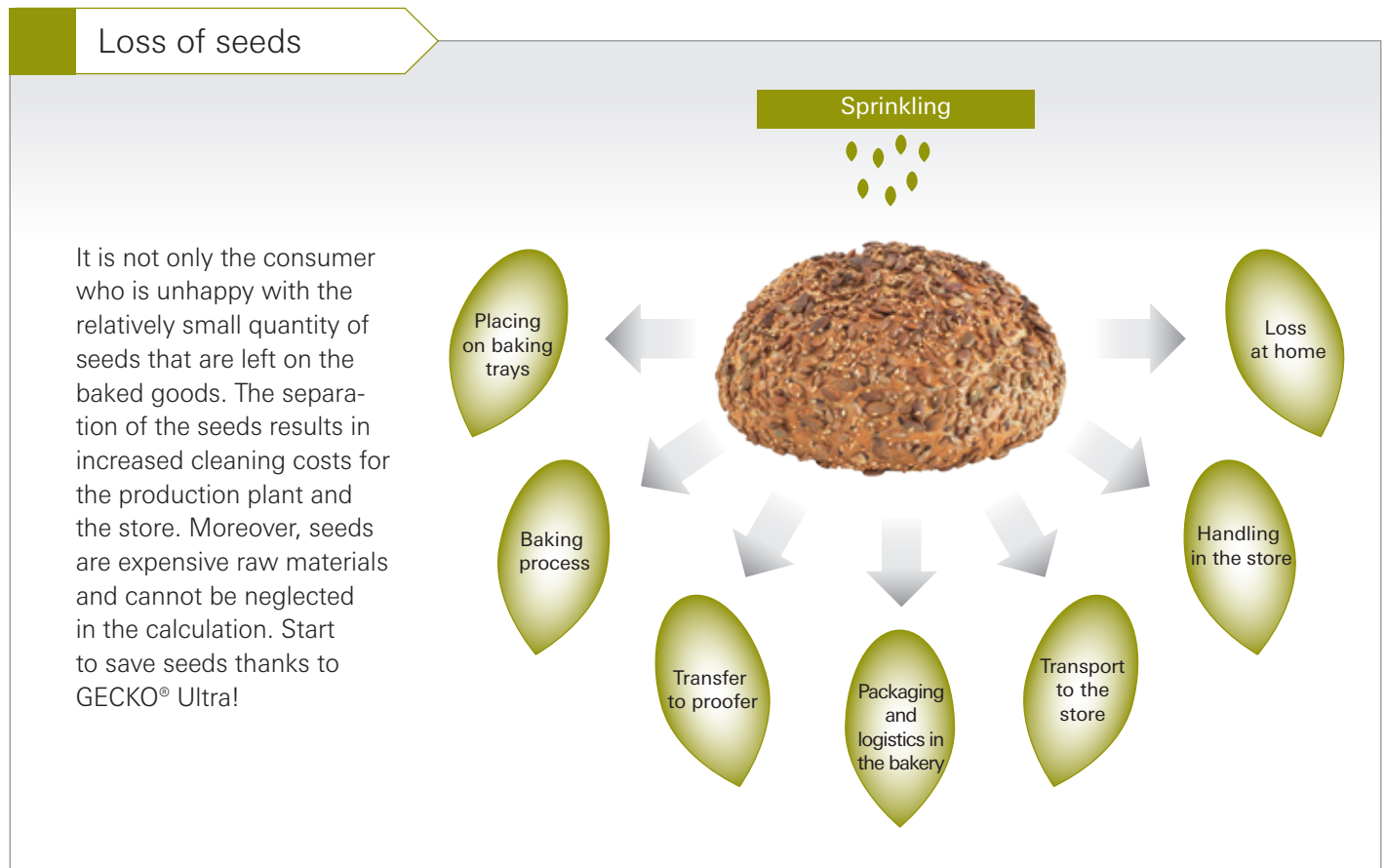


GECKO® Ultra is a wheat-based granulated product for the production of a suspension which ensures optimal adhesion of decorations such as grains and seeds to the dough piece and the resulting baked good.

# GECKO® Ultra - adhesion of seeds made easy

## The problem: adhesion of decoration material

Baked goods with attached seeds or grains are very popular. They not only give the baked goods added nutritional value, but also deliver an attractive appearance. However, a large part of the decoration materials detach during the entire processing, production and transport chain. This means that often just 50% of the seeds and grains remain on the baked goods at the time of consumption.



## The solution: GECKO® Ultra

The problems described above can be solved with an adhesive for seeds and other decoration materials, which has been developed specifically by GoodMills Innovation. GECKO® Ultra has strong adhesive strength which prevents the majority of the seeds from being detached. GECKO® Ultra makes use of the principle of bionics, here in particular with the phenomenon of the lizard species of the same name.

## What is GECKO® Ultra?

GECKO® Ultra is produced based on a specific wheat variety. During the production process, the suspension develops its extraordinary adhesive strength. Both factors combined guarantee tremendous adhesion to the baked goods.

## How to make and use the suspension of GECKO® Ultra?

- Fill water into a container
- Stir in GECKO® Ultra with a whisk or mixer to produce a homogeneous suspension
- Let stand for 10 minutes to allow gelatinization
- Mix homogeneously before using the suspension



Powder



Stir with a whisk



Stir with a mixer

GECKO® Ultra can be applied manually but can also be used in immersion, rolling and spraying systems. If necessary, the application quantity should be adjusted to the respective system.

Bakery brush



- Easy handling

Immersion bath



- Uniform film application
- Flexible use

Roller system



- Thin, uniform application
- No interruption of film

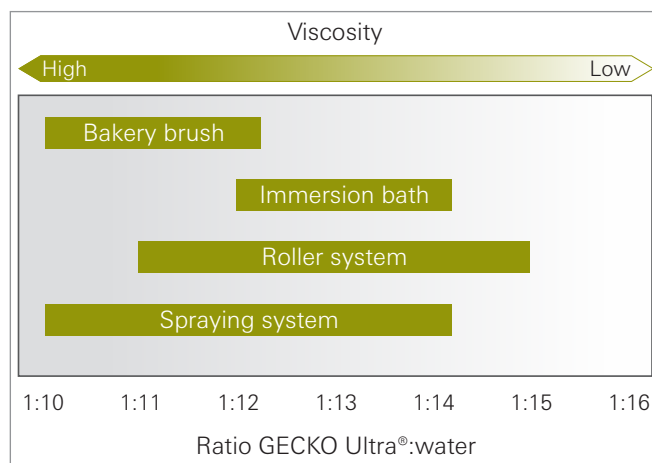
Spraying system



- Can be sprayed on as a suspension-airmixture
- No heating required
- No clogged nozzles
- Distinct spraying pattern
- No fogging

## Application: GECKO® Ultra

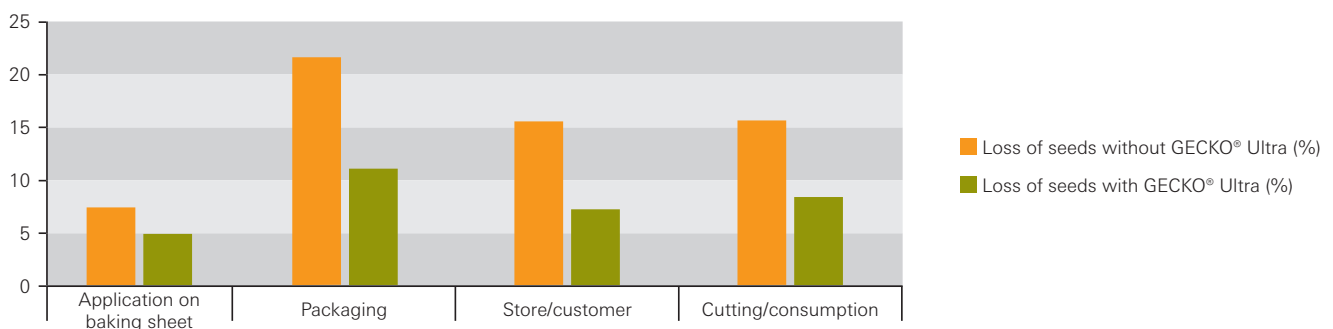
|                | Ingredients  | Quantity     |
|----------------|--------------|--------------|
| Industrial use | GECKO® Ultra | 10 kg        |
|                | Water        | 120 - 150 l  |
|                | Total        | 130 - 160 kg |
| Artisan use    | GECKO® Ultra | 1 kg         |
|                | Water        | 10 l         |
|                | Total        | 11 kg        |



## Benefits of GECKO® Ultra

- Cost savings
- Reduced degree of soiling from seeds and decorations that have become detached
- A lot more seeds and decorations stay attached to the baked goods
- Easy processing and application
- Clean labelling: wheat flour

### Comparison: GECKO® Ultra versus water in seeds application



Rolls without GECKO® Ultra



Rolls with GECKO® Ultra

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