

FOSSIL SHIELD®

professional protection

Professional protection
against the **Red Poultry Mite**
in poultry production



Stops the Red Poultry Mite

**Revolution
in effectiveness**



Works 12 x faster*



Protects up to 2 x longer*



Also adheres to oily
surfaces*

*compared to conventional
diatomaceous earth products



www.fossil-shield.de



Typical mite hiding places 3 months after conventional treatment



The images show a facility coated with a conventional diatomaceous earth product. Significant mite infestation is already apparent after three months. This requires immediate action! We recommend speedy treatment with our Fossil Shield® products, which are very effective in highly humid areas due to their water-repellent properties and which are therefore ideally suited not only for prophylactic treatments, but also, as in this case, for follow-up treatments.

The advantages of our Fossil Shield[®] products

Product

- Works in just a few hours
- Maximum yield and efficiency
- In conformance with the EU biocide directive
- No build-up of resistance
- Perfectly effective at high humidity

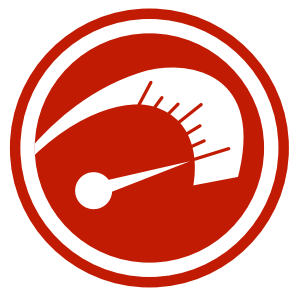
Animal

- Prevents disease transmission
- Combats feather-plucking
- Reduced feed intake due to intact plumage
- Consistent laying performance due to less stress
- No blood on the eggs
- More pleasant working conditions for the barn staff



Revolution in effectiveness –

The Fossil Shield[®] products in comparison with conventional diatomaceous earth products



Works 12 x faster

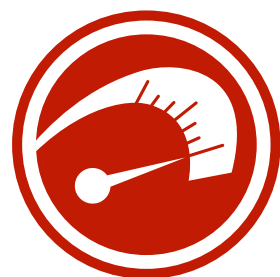


Protects up to 2 x longer



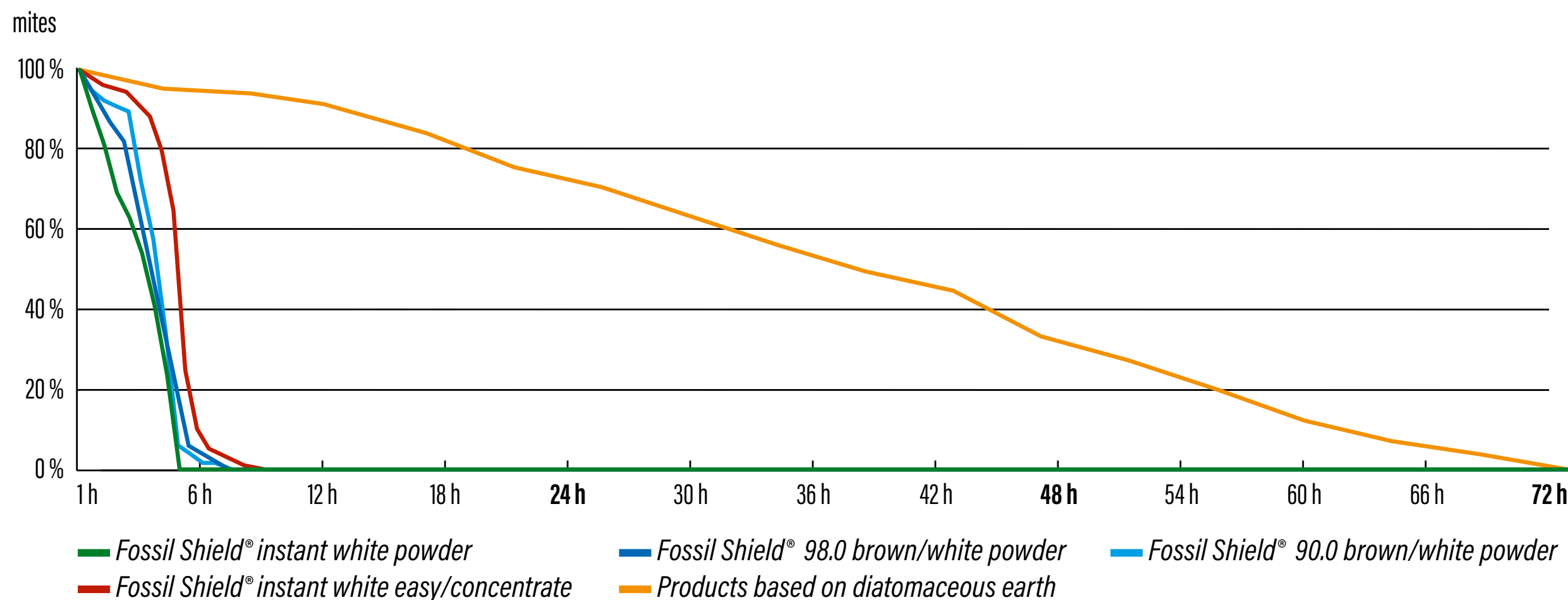
Also adheres to oily surfaces





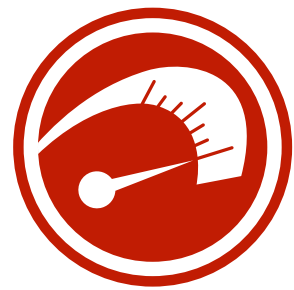
Works 12 x faster

Efficacy curve of Fossil Shield® products in comparison to conventional diatomaceous earth products.



Fossil Shield® products are effective against the red poultry mite in just a few hours, compared to up to three days with conventional diatomaceous earth products.

Your benefits:



Fossil Shield[®] combats immediately 4 mite stages



Larvae



Protonymphs

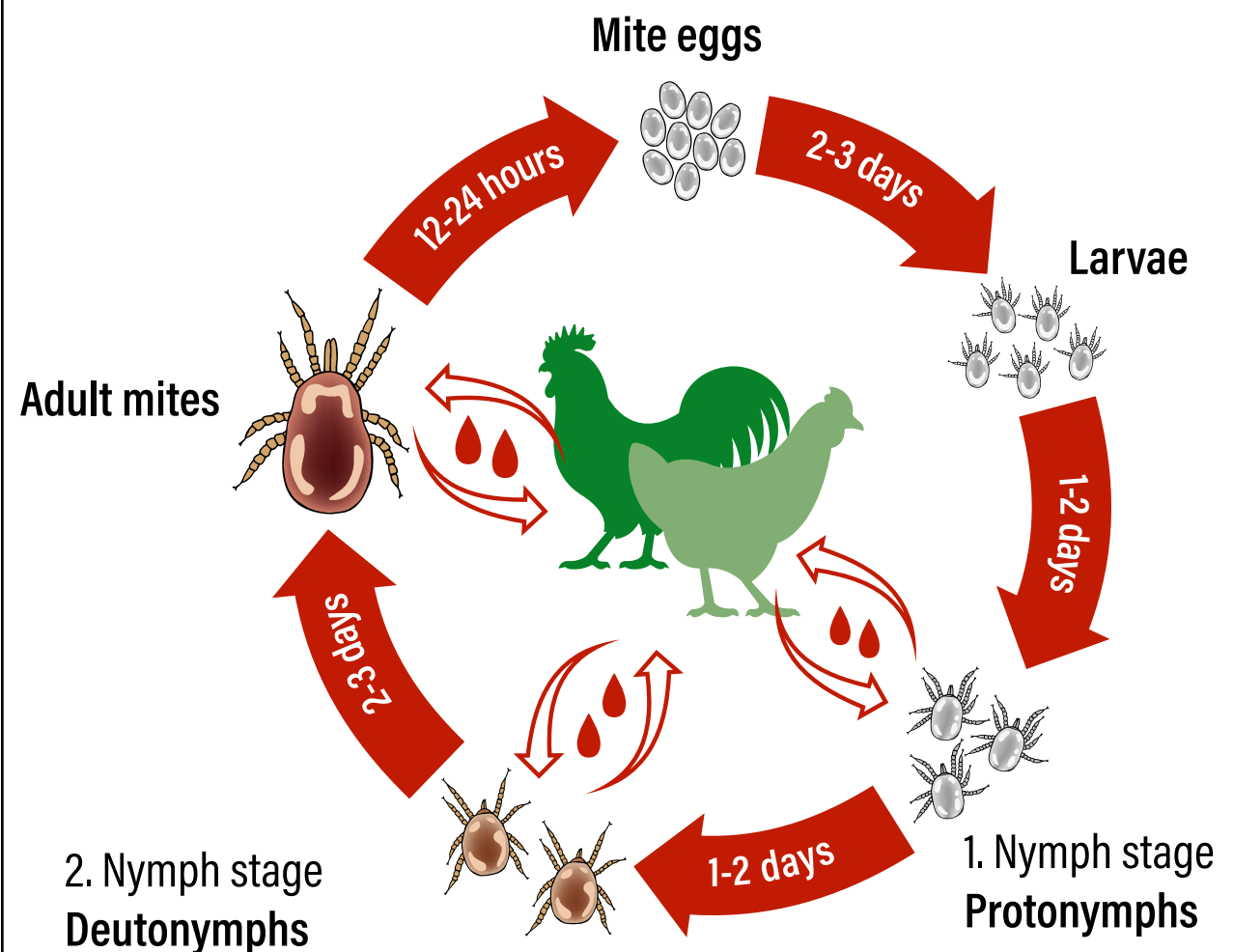


Deutonymphs




Adult mites

Life cycle of the red poultry mite



Your benefits:

 **Fossil Shield® products are hydrophobic**



Fossil Shield® products are hydrophobic in different ways depending on their intended use.



Due to the water-repellent surface, Fossil Shield® works very well and quickly even in high humidity.

Fossil Shield® products in practical application



Protects longer because water repellent



**Also adheres
to oily
surfaces**



Fossil Shield® instant white powder is hydrophobic. As a result, the product works very well and quickly even in environments with high humidities.



With conventional diatomaceous earth products, moisture penetrates the material. In highly humid environments, this means a very much reduced efficacy against the red poultry mite.

Your benefits:

 **Fossil Shield® protects up to 2 x longer**

**Also adheres
to oily
surfaces**



Fossil Shield® instant white powder creates a particularly thick build-up at the mites' preferred hideouts and offers the animals little refuge.

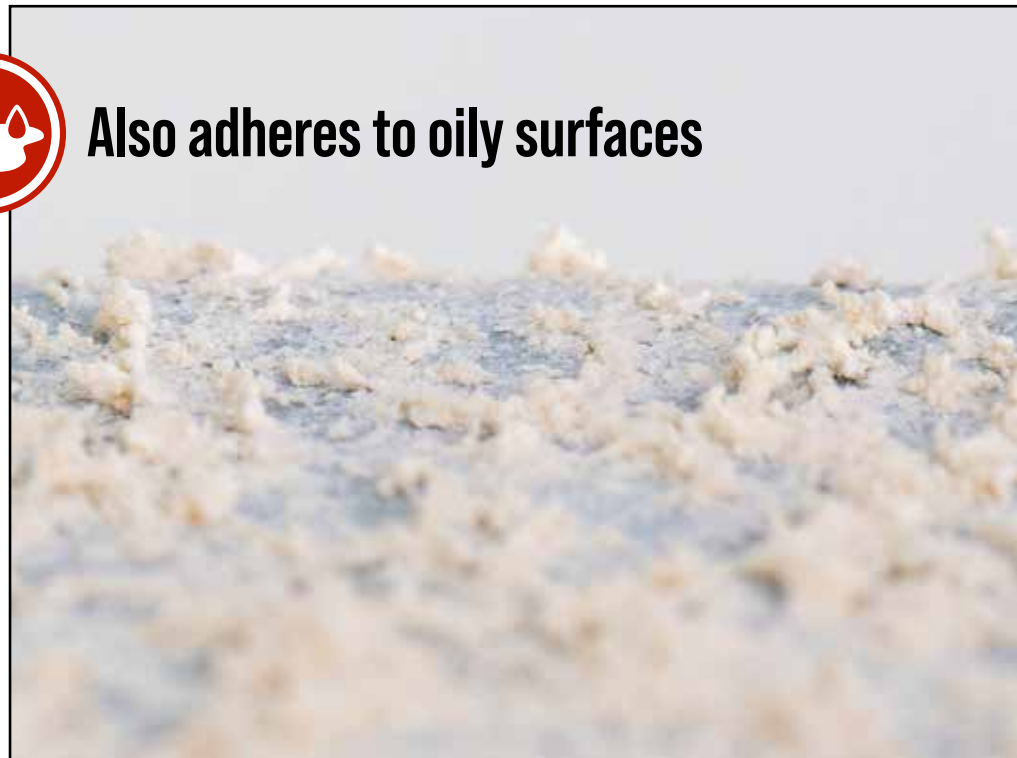


In contrast, conventional diatomaceous earth products often create small courses of water, which provide the mites with numerous hideouts and routes to get to their host animals.

Liquid application of Fossil Shield® instant white powder and Fossil Shield® instant white easy



Also adheres to oily surfaces



The surface of Fossil Shield® instant white powder resembles a rough mountain landscape. Mites have to travel much longer distances on their way to the host animal. Due to longer contact, the effect on the mite is significantly stronger.



Also adheres to oily surfaces



Fossil Shield® instant white powder creates a particularly thick build-up at the mites' preferred colony sites and offers the animals little refuge.

Powder application









Fossil Shield[®] 90.0 powder and Fossil Shield[®] 98.0 powder

Also adheres
to oily
surfaces



Fossil Shield[®] 90.0 powder and 98.0 powder creates a particularly thick build-up at the mites' preferred colony sites and offers the animals little refuge.

Fossil Shield[®] products are flexible in use

	Recommended for barns with up to 2000 animals		Prophylaxe		Liquid application
	Recommended for barns with up to 5000 animals		Follow-up treatment		Dry application
	Recommended for barns with more than 5000 animals				Electrostatic- dry application

Professional product

For commercial use only

Revolution in effectiveness



Works 12 x faster*



Protects up to 2 x longer*



Also adheres to oily
surfaces*

*compared to conventional
diatomaceous earth products



Liquid application Fossil Shield® instant white powder



Recommended for
barns with more
than 5000 animals



Preventive



Follow-up
treatment



Liquid application



Container sizes

- 10 kg bag
- 33 bag/pallet
- 66 bag/pallet

Made in Germany

Use biocides safely. Always read the label and product information before use.

Professional product

For commercial use only

Liquid application

Fossil Shield® instant white easy



2000

Recommended for barns with up to 2000 animals






Follow-up treatment



Liquid application

Revolution in effectiveness

-  Works 12 x faster*
-  Protects up to 2 x longer*
-  Also adheres to oily surfaces*

*compared to conventional diatomaceous earth products



Container sizes

- 25 l canister
- 24 canister/pallet

Made in Germany

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Professional product

For commercial use only

Revolution in effectiveness



Works 12 x faster*



Protects up to 2 x longer*



Also adheres to oily
surfaces*

*compared to conventional
diatomaceous earth products

Liquid application Fossil Shield® instant white ultra



Recommended for
barns with up to
5000 animals



Preventive



Follow-up
treatment



Liquid application



Container sizes

- 25 l canister
- 24 canister/pallet





Made in Germany

Use biocides safely. Always read the label and product information before use.




Liquid application Fossil Shield® instant white concentrate

Professional product

For commercial use only

 5000	Recommended for barns with up to 5000 animals
	Preventive
	Follow-up treatment
	Liquid application

**Revolution
in effectiveness**

-  Works 12 x faster*
-  Protects up to 2 x longer*
-  Also adheres to oily surfaces*

*compared to conventional diatomaceous earth products

Instant white concentrate
Biocidal product as agent for controlling red poultry mites
For commercial use only

30 L
e net

Profi
EN

Fossil Shield instant white concentrate is a water-soluble suspension concentrate for professional use only that, once dried, forms a strongly adhesive, chalking protective coating against the red poultry mite.

Active ingredient: Synthetic, amorphous silicon dioxide (as a nanomaterial, consisting of aggregates and agglomerates); CAS: 68009-20-6 (Nano); active ingredient content: 15.6 g / 1000 g

Directions for professional use:
1. Stir content thoroughly; dilute with water for a ready-to-use mixture (maximum ratio of 1/1); stir again thoroughly. Processing temperature: 5 - 25°C.
2. Apply the mixture in proper professional manner using a knapsack sprayer / pressurized tank / trigger sprayer and with a pressure of 1.5 - 4 bar.

Application: Preventative: 198 g biocidal product/m² (corresponds to 396 g application suspension/m²). For mite infestation: 360 - 383 g biocidal product/m² (corresponds to 720 - 766 g application suspension/m²).

Safety instructions:
- Safety sheet available upon request
- To avoid risks to human health and the environment, comply with the instructions for use
- Keep product out of reach of children
- Wear protective clothing, gloves and an RPE10 (FFP2) mask during application
- Use electrostatically-dispersive climbing aids
- Only use product for intended purpose
- Do not use on humans and animals

First aid measures: If inhaled, ensure fresh air and consult a doctor for any complaints. After contact with the skin or eyes, carefully rinse with plenty of water. Take off all contaminated clothing. Consult a doctor if irritation (redness) persists. If swallowed, rinse mouth immediately, drink water and consult a doctor.

Storage: Store in a dry and dark place at a temperature between 5 and 25 °C; in unopened condition the product may be used for up to 3 years after date of manufacture.

Disposal: Dispose of empty contents/container in accordance with local/regional/national/international regulations. Small product quantities can be rinsed away with lots of water, while larger quantities should be disposed of in special waste, not in waste water.

UFI: 3075-J0X2-C007-MV044
Emergency telephone (can be reached 24/7):
GfK GmbH +49 (0) 6032-84463
Use biocides safely. Always read the label and product information before use.

Fossil Shield®
protects against red mites

Manufacturer: **Bela GmbH** Stedingsstraße 6-8 • D-38122 Eberfeld • Germany
Phone: +49 (0) 66 72 - 92 35 0 • Email: info@bela-gmbh.de • www.fossil-shield.de



Container sizes
• 30 l bucket
• 18 bucket/pallet

Made in Germany

Use biocides safely. Always read the label and product information before use.

Dry application Fossil Shield® 90.0 white/brown powder



Recommended for
barns with more
than 5000 animals



Follow-up
treatment



Electrostatic-
dry application



Revolution in effectiveness



Works 12 x faster*



Protects up to 2 x longer*



Also adheres to oily
surfaces*

*compared to conventional
diatomaceous earth products

Professional product

For commercial use only

Container sizes

- 12,5 kg bag
- 33 bag/pallet



Made in Germany

Dry- and liquid application

Fossil Shield® 98.0 white/brown powder



Works 12 x faster*

Protects up to 2 x longer*

Also adheres to oily surfaces*

*compared to conventional diatomaceous earth products

Professional product

For commercial use only

- 5000

Recommended for barns with up to 5000 animals
- 5000+

Recommended for barns with more than 5000 animals
- Follow-up treatment
- Liquid application
- Dry application

Container sizes

- 15 kg bag
- 57 bag/pallet

Made in Germany

Professional product

For commercial use only

Liquid application Fossil Shield® Duo Des Kok



Liquid application



Container sizes

- component A + component B each 10 l canister
- 20 canister component A + 20 canister component B/pallet
- 40 canister component A/pallet
- 40 canister component B/pallet

Please check your national regulations to determine if the product is approved.

Use biocides safely. Always read the label and product information before use.

Made in Germany



Your expert for
professional protection
against the **red poultry mite**
in poultry farming.

FOSSIL SHIELD®

protects against red mites

www.fossil-shield.de

Manufacturer:
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