

MICRONA

NON-WOVEN WALLCOVERING PROTECTS AGAINST MOULD

MICRONA is a nano-silver wallpaper; a non-woven wallpaper with additional antimicrobial functionality to improve health in the home, developed in conjunction with the Fraunhofer Institute.

The products can be used either for prevention or cure. Prevention involves avoiding the build-up of mould in advance in high-risk scenarios. Cure involves preventing the formation of new mould after a clean-up of contaminated areas. The product description contains precise instructions for cleaning contaminated areas and application.

The way it works breaks completely new ground. The basic principle relies on using the antimicrobial effect of nano-silver, an active ingredient which is not toxic to people (non-human-toxic). The metallic silver particles are chemically stable and securely bonded in the product using polymer binders. There is no discharge into the air in the room – as with conventional toxic biocides – and silver ions are not released. The principle is more based on the surface reaction between the silver and the micro-organism. This produces an interaction with the structure proteins in the cell walls, which kills bacteria, fungi and spores. The reaction is similar to a catalysis as the active ingredient is not used up. This guarantees a lasting effect.

Technical details:

High quality, embossed non-woven wallcovering with nano-silver particles.

8 different designs (structures), item numbers:

131017, 131109, 132205, 131901, 130003, 131802, 131307, 132502, 132403

Roll dimensions: 0.53 m x 10.05 m, covers 5.32 m²

Packing: 12 rolls

Weight: 175 g/m²

Product specifications:

- Interior wallcovering for the commercial and private sectors
- With anti-microbial effect, recommended by doctors for use in the home, combats the formation of mould
- Toxicologically safe
- Sustainably improves hygiene in enclosed spaces
- Water vapour permeable as per DIN 52615
- Non-flammable as per DIN 4102 B1
- CE-compliant as per EN 15102
- Complies with the terms of the RAL quality standard for wallpapers (TÜV-certified)
- Free from conventional, toxic biocides, PVC, plasticisers and solvents
- No heavy metal compounds or formaldehyde added
- No shrinkage, conceals hairline tears
- Extremely resistant to tearing, even when damp
- If applied correctly, can later be completely removed when dry



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WALLPAPER

Nano-Silver-Technology
IN COOPERATION WITH  **Fraunhofer**
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