

# HC 5051

## Nano Impregnation With Outstanding Water Beading Effect

### PRODUCT DESCRIPTION:

HC 5051 is a unique, biodegradable product based on an aqueous siloxane and nano emulsion for the care and maintenance of tiles, facades, and roofs (all mineral surfaces) where a water-repellent impregnation is desired. HC 5051 is based on the latest nanotechnology, which penetrates deep into the substrate and actively bonds to the surface, making it resistant to biological growth. HC 5051 can be used on both new and old surfaces. The impregnation refreshes the surface and forms an invisible water-repellent barrier that does not allow water penetration without altering vapor transpiration.



- Improves indoor climate and reduces energy consumption.
- Extremely high reduction of water absorption.
- Reduces the growth of moss, algae, and black mold.
- Colorless.
- Maintains surface breathability and creates a self-cleaning surface, making it difficult for dirt particles to adhere.
- Prevents surface aging.
- Has water beading and self-cleaning effect.
- Prevents salt efflorescence.
- Effectively protects against chloride and salt ingress.
- Guards against graffiti. Retains the above properties for 10-15 years on facades and 5-10 years on tiles, depending on traffic and wear.
- Biodegradable.

