



BioniPerform

New multi-functional energy saving paint for exteriors based on **Green nano-technology**

Bioni Perform is a superior quality exterior paint with outstanding features providing extreme durability and maximum building protection:

- **superior heat-deflection properties (up to 93%)**
- **classified as "Cool Paint"** (University of Athens)
(up to 38% less energy demand for cooling the home)
- **water-resistant, vapor-permeable**
- **permanently prevents mold and mildew growth on the paint film**
- **superior resistance to cracking, peeling and blistering**



 **Fraunhofer** Institut
Chemische Technologie



Ummatched exterior protection

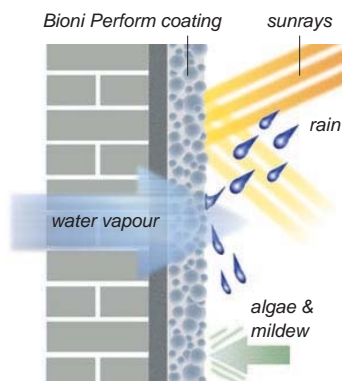
The most important job an exterior coating does is to provide a durable protection of the exterior surface against the effects of weather and the environment. **Bioni Perform** is a 100% acrylic-based exterior paint with a carefully balanced composition that provides an extremely durable protection against the negative effects of the climate and aggressive airborne materials. Bioni performs even in the harshest and most demanding environments.

Superior mold and mildew protection

In order to permanently prevent the growth of microbes on the coating surface, **Bioni Perform** features a unique **GreenNano** formula which provides superior moisture regulating properties. This unique formula affects the painted surface and creates a hostile environment for microorganisms trying to inhabit the surface, even in extremely damp environments. This ensures that mold, moss and mildew prevention lasts many years without resorting to the use of conventional fungicides.

Superior heat deflection - up to 38.1% less cooling energy

The superior heat-deflection properties of **Bioni Perform** lowers the heat transfer from outside to inside which in turn reduces indoor temperatures. Less energy for air-conditioning is required. Tests carried out by a building physics institute demonstrate that when **Bioni Perform** is applied on a building's exterior, the energy demand for cooling can be decreased by up to 38.1%. This classifies **Bioni Perform** as "cool paint".



Up to 93% of the incoming sunrays will be reflected by the Bioni Perform coating surface.

Does Your Paint Do This For You ?

- Permanently prevents mold, mildew and other unwanted microbial growth on the paint film
- High solar reflectance (SRI:105)
- Excellent UV-resistance and color retention
- Superior resistance to cracking, peeling, and blistering
- Is environmentally safe to apply and cleans up with soap and water
- Is eco-friendly Low VOC (<5 g/l)
- Can earn LEED credits
- Fire Rating: Class A (ASTM E84)
- Extreme durability with long-lasting protection
- Protects concrete from corrosion (high carbon dioxide diffusion resistance)
- Moisture-resistant and water vapor-permeable

Recommended Use

Bioni Perform is ideal for exterior surfaces where a durable protection against heat, moisture, UV light, and weathering is desired.



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