

Membrane-Technology

NEW !



► *Bioni* *Perform* Intelligent Exterior Coating

TECHNICAL SPECIFICATIONS



Fraunhofer Institut
Chemische Technologie

Description	Bioni Perform is a new Nanotechnology based composite material consisting of microscopically small, hollow glass spheres and a flexible polymer matrix possessing optimum application characteristics and multi-functional features.														
Characteristics	<ul style="list-style-type: none"> ● reflects incoming sun rays (93%) ● permeable to water vapor ● excellent water resistance ● crack-bridging ability ● resistant to UV light ● salt and carbon dioxide resistant (prevents concrete corrosion) ● flame resistant ● very good adhesion ● environmentally friendly (free of conventional biocides) ● excellent colour stability 														
Properties	<ul style="list-style-type: none"> ■ Lowers the cost of energy used for air conditioning ■ Provides long term protection for the building (long service life) ■ Prevents the formation of algae and moss by means of Nanotechnology 														
Technical Data	<table> <tr> <td>Thinning:</td><td>Ready for use</td><td>Colour:</td><td>as per shade card or white</td></tr> <tr> <td>Finish:</td><td>matt</td><td>Volume solids:</td><td>approx. 58%</td></tr> <tr> <td>Thinner:</td><td>water</td><td>Specific gravity:</td><td>1,10 g/cm³</td></tr> </table>			Thinning:	Ready for use	Colour:	as per shade card or white	Finish:	matt	Volume solids:	approx. 58%	Thinner:	water	Specific gravity:	1,10 g/cm ³
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Application	<p>For external application. Can be used as topcoat on old and new plastered surfaces, concrete, brickwork, lime sandstone, wood and existing coatings.</p> <p>Can be applied by brush, roller or sprayed using suitable equipment.</p> <p>Prepare absorbent and/or sandy surfaces with Bioni-Shield Grip first.</p>														
Coverage	<p>Apply Bioni Perform in two coats. One litre will cover approx. 2.5 -3.0 sm. This is equivalent to approx. 150-200 ml/sm per coat and a total of approx. 300 - 400 ml/sm depending upon the surface. Determine exact quantities by means of test coats.</p> <p>Dry to recoat after 24 hours.</p>														
Packaging	<p>Ready to use, in 10.0 litre or 5.0 litre units.</p> <p>Store in a cool, frost-free and dry place in closed, original container. Shelf time: 15 months.</p>														

Note: We warranty only the quality of our product. This data sheet is based upon state of the art technical knowledge and our experience. In view of the variety of surfaces, applications and other factors influencing the use of the product, no liability can be accepted. This document is superseded by later issues. (Date: October 2005)