

► *Bioni* **Hygienic**  
Intelligent Interior Coating

**NANO-Technology**

**NEW !**



## TECHNICAL SPECIFICATIONS



Fraunhofer Institut  
Chemische Technologie



• Freiwillige Prüfung  
• Emissionsgeprüft

Description	Bioni Hygienic a new Nanotechnology based composite material for medical facilities 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"> <li>● permeable to water vapor</li> <li>● non-flammable (building material class A2)</li> <li>● free of solvents and all biocides and coating preservatives</li> <li>● regulates heat and humidity</li> <li>● superior washability</li> <li>● excellent flow and very good hiding</li> <li>● free of plasticizers and softeners</li> <li>● very good adhesion</li> <li>● environmentally friendly</li> <li>● possesses crack-covering capabilities</li> </ul>														
Properties	<ul style="list-style-type: none"> <li>■ <b>Constant high anti-microbial effect</b></li> <li>■ <b>Raises the level of hygiene in medical facilities</b></li> <li>■ <b>Easy on both your health and the environment (no room air pollution)</b></li> </ul>														
Technical Data	<table border="1"> <tr> <td><b>Thinning:</b></td><td>Ready for use</td><td><b>Colour:</b></td><td>as per shade card or white</td></tr> <tr> <td><b>Finish:</b></td><td>matt</td><td><b>Volume solids:</b></td><td>approx. 58%</td></tr> <tr> <td><b>Thinner:</b></td><td>water</td><td><b>Specific gravity:</b></td><td>1,15 g/cm<sup>3</sup></td></tr> </table>			<b>Thinning:</b>	Ready for use	<b>Colour:</b>	as per shade card or white	<b>Finish:</b>	matt	<b>Volume solids:</b>	approx. 58%	<b>Thinner:</b>	water	<b>Specific gravity:</b>	1,15 g/cm <sup>3</sup>
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Application	<p>To be used internally for painting ceilings and walls. Can be used as topcoat on old and new plastered surfaces, wood chip, fabric wallpapers 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 Hygienic in two coats. One litre will cover approx. 2.8 -3.5 sm. This is equivalent to approx. 145-175 ml/sm per coat and a total of approx. 290 - 350 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)