

## Enduris™ Glass Core Technology Fact Sheet

### Screen shades with a reduced environmental impact

<b>SUSTAINABLE RAW MATERIAL</b>	<ul style="list-style-type: none"> <li>• Sustainable fabric composition</li> <li>• Manufactured principally from renewable mineral elements             <ul style="list-style-type: none"> <li>• 36% to 42% glass fiber</li> <li>• 57% of our PVC coating is salt-based (chloride)</li> </ul> </li> <li>• Carefully selected substances and additives</li> <li>• Free of phthalates (REACH SVHC), formaldehyde and heavy metals</li> </ul>
<b>RESPONSIBLE MANUFACTURING</b>	<ul style="list-style-type: none"> <li>• Lower water consumption</li> <li>• Reduction of non-renewable energy use</li> <li>• Industrial waste reduction</li> <li>• Industrial waste recycling</li> <li>• Recyclable packaging: cardboard pallets &amp; boxes</li> <li>• Re-use of plastic wrapping films</li> </ul>
<b>DISTRIBUTION</b>	<ul style="list-style-type: none"> <li>• Key raw materials sourced within Europe or America</li> <li>• Optimum shipping and distribution system minimizing costs</li> <li>• Transport by sea or truck, minimal air freight</li> </ul>
<b>ENERGY SAVINGS</b>	<ul style="list-style-type: none"> <li>• External shades can eliminate up to 95% of solar heat penetration (up to 75% for internal shades) depending on material selection and type of glazing</li> <li>• Sun screen shading improves visual comfort while preserving the external view, reducing requirements for artificial lighting</li> <li>• Energy-saving-shades – generating between 33% to 63% savings in lighting and cooling costs:             <ul style="list-style-type: none"> <li>• Reduction of inside temperatures by 5°C to 15 °C</li> <li>• Reduction of "greenhouse" effect and overheating in the summer</li> <li>• Reduction of heat loss in the winter</li> <li>• Reduction of the operational costs of the building</li> <li>• Investment reduction: glazing, electrical and lighting appliances</li> <li>• Improved productivity by improving occupant comfort</li> </ul> </li> </ul>
<b>MAINTENANCE</b>	<ul style="list-style-type: none"> <li>• Durable with exceptional UV-resistance to fading</li> <li>• Suitable for a variety of climates or temperature changes from 55°C to + 70°C</li> <li>• Resistant to outside pollution and confined or humid areas such as indoor swimming pools or spas</li> <li>• Extended working life – at least 15 years for external shades &amp; 30 years for internal shades</li> <li>• Simple cleaning with soapy water or high-pressure water for external shades</li> </ul>
<b>LIFE SPAN &amp; END OF LIFE</b>	<p>The amount of emissions coming from the manufacture far outweighs the decades of energy-saving benefits, durability and people productivity for their applications in the tertiary market.</p> <ul style="list-style-type: none"> <li>• Re-use of fabrics: eco-design, green walls, sample swatches, signage</li> <li>• 3 industrial waste recycling projects</li> <li>• Enduris™ Glass core fabrics are recyclable (process in pilot testing)</li> </ul>