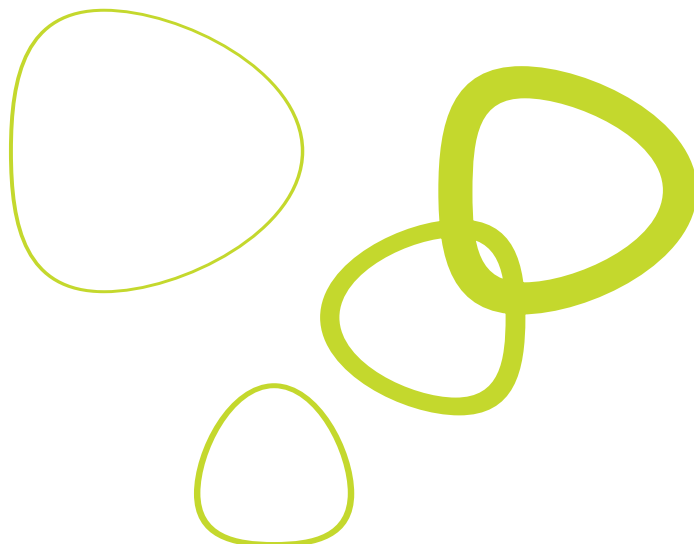


# Forest Products

## Standard Product Range



Application	Recommended products	Targeted benefits	Main enzyme activities
<b>Bleaching boosting</b>	Xylio® Pre	<ul style="list-style-type: none"> <li>• Less bleaching chemicals</li> <li>• Increased brightness level</li> </ul>	Xylanase
<b>Deposit control</b>	StickAway®	<ul style="list-style-type: none"> <li>• Fewer spots and holes</li> <li>• Fewer paper breaks</li> <li>• Increased felt life</li> <li>• Reduced downtime</li> <li>• Improved runability</li> </ul>	Lipase
<b>Fiber modification</b>	FiberCare® B	<ul style="list-style-type: none"> <li>• Refiner energy reduction</li> <li>• Strength improvement</li> <li>• Dewatering</li> </ul>	Cellulase
	FiberCare® D	<ul style="list-style-type: none"> <li>• Increased dewatering</li> <li>• Strength improvement</li> <li>• Speed increase</li> <li>• Improved furnish ratio</li> </ul>	Cellulase
	FiberCare® L	<ul style="list-style-type: none"> <li>• Speed increase</li> <li>• Steam reduction</li> </ul>	Cellulase
	FiberCare® R	<ul style="list-style-type: none"> <li>• Refiner energy reduction</li> <li>• Strength improvement</li> </ul>	Cellulase
	FiberCare® U	<ul style="list-style-type: none"> <li>• Strength increase</li> </ul>	Cellulase
	FiberCare® W	<ul style="list-style-type: none"> <li>• Refiner energy reduction</li> <li>• Strength improvement</li> </ul>	Cellulase
	Novozym® 51003	<ul style="list-style-type: none"> <li>• Strength increase</li> </ul>	Laccase
	Novozym® 51008	<ul style="list-style-type: none"> <li>• Strength increase</li> <li>• Polymer replacement</li> <li>• Improved runability</li> </ul>	Cellulase
<b>Pitch control</b>	Resinase® A 2X Resinase® HT	<ul style="list-style-type: none"> <li>• Fewer spots and holes</li> <li>• Fewer paper breaks</li> <li>• Reduced downtime</li> <li>• Improved runability</li> <li>• Increased paper strength</li> <li>• Improved woodyard operations</li> </ul>	Lipase
<b>Starch modification</b>	Aquazym® 240 L Aquazym® 480 L BAN® 480 LS Termamyl® 120 L, Type L Termamyl® SC	<ul style="list-style-type: none"> <li>• Saving on modified starch</li> <li>• Increased viscosity control and flexibility</li> </ul>	Amylase

### **Novozymes' pulp & paper expertise**

For years, Novozymes has helped improve pulp & paper operations across the globe. With cost reductions, capacity improvements and sustainability benefits being key to success in pulp & paper, our solutions and services help pulp & paper mills to save on water, energy and chemicals while improving end- product quality and appearance.

### **Technical services**

Our experienced technical service representatives have a proven track record of helping pulp & paper mills to optimize processes to achieve better results. Our technical service teams can be deployed globally, so we can help you to optimize your process, and we can assist you in managing your process or developing the products you need.

### **Competitive edge**

Staying ahead of the dynamic pulp & paper market requires the best technology and expertise to become even more flexible, efficient and profitable. With our solutions and know-how, Novozymes can support you on that journey. Let's transform the quality and sustainability of your business together.



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### **About Novozymes**

Novozymes is the world leader in biological solutions. Together with customers, partners and the global community, we improve industrial performance while preserving the planet's resources and helping to build better lives. As the world's largest provider of enzyme and microbial technologies, our bioinnovation enables higher agricultural yields, low-temperature washing, energy-efficient production, renewable fuel and many other benefits that we rely on today and in the future. We call it Rethink Tomorrow.

### **Novozymes A/S**

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