

# Technical data sheet

2933 siatur jo



MKP person responsible:	Simon Biegger
Status:	Ok
Approval:	02.09.2015

Classification	Public series
Product type:	Coated abrasives
Main application area:	Wood
Secondary application area:	Metal

Product profile		
Grit type:	Semi-friable aluminium oxide	
Grit range (total):	60-220	FEPA P / ISO 6344
Backing:	j-wt cloth, cotton	
Coating:	Electrostatic open	
bonding:	Resin over resin	
Special coating:		
Equipment:	TopTec	





Properties	Technology
Cut:	<ul style="list-style-type: none"> <li>- Offene Streuung</li> <li>- TopTec</li> </ul>
Lifetime:	
Finishing:	
Flexibility:	
Contact pressure:	



Advantages		
Coatings & composites:		
Wood:	<ul style="list-style-type: none"> <li>- Perfect surface finishes thanks to TopTec</li> <li>- Dust-free process: antistatic construction gives low dust formation on belt, workpiece and machinery</li> <li>- High level of dimensional accuracy during profile belt sanding</li> <li>- Highly adaptable to contours, curves and profiles</li> <li>- Long product life when sanding softwood and wood containing resins</li> <li>- Suitable for pneumatic rollers</li> </ul>	
Metal:	<ul style="list-style-type: none"> <li>- Highly adaptable to contours, curves and profiles</li> <li>- Long life when finishing aluminium parts</li> <li>- Low clogging thanks to open coating</li> </ul>	
Panels:		

Applications		
Coatings & composites:		

<b>Applications</b>	
Wood:	<ul style="list-style-type: none"> <li>- Coarse sanding of curves and profiles</li> <li>- Intermediate sanding of curves and profiles</li> <li>- Final sanding of profiled workpieces</li> <li>- Sanding of old lacquer</li> <li>- Flush sanding of edges and protrusions</li> <li>- Keying for preparation and re-working of surfaces and curves</li> <li>- Profile grinding for radii greater than 10 mm</li> </ul>
Metal:	<ul style="list-style-type: none"> <li>- Coarse sanding of curves and profiles</li> <li>- Intermediate sanding of curves and profiles</li> <li>- Fine sanding of curves and profiles</li> </ul>
Panels:	

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:		
Wood:	<ul style="list-style-type: none"> <li>Plastics</li> <li>Solid wood</li> <li>Solid wood</li> <li>Solid wood</li> <li>Wood-based materials</li> <li>Wood-based materials</li> <li>Wood-based materials</li> </ul>	<ul style="list-style-type: none"> <li>● Solid surface material</li> <li>● Softwood</li> <li>● Hardwood</li> <li>● Resinous wood</li> <li>○ Plywood panel</li> <li>○ MDF board</li> <li>○ Chipboard</li> </ul>
Metal:	<ul style="list-style-type: none"> <li>Non-ferrous metals</li> <li>Non-ferrous metals</li> </ul>	<ul style="list-style-type: none"> <li>● Aluminium alloy</li> <li>● Magnesium alloy</li> </ul>
Panels:		

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	- Jumbo rolls
	Strips	- Various strips
	Belts	<ul style="list-style-type: none"> <li>- Wide belts (width: from 400 mm)</li> <li>- Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm)</li> <li>- Tongued sanding belts (width: 6-30 mm/length: up to 950 mm)</li> </ul>
	System components	- strips assembly slashed

<b>Use</b>	Superordinate group	Subgroup
	Portable machine sanding	○ Portable belt sander
	Stationary belt sanding	○ Stroke belt sanding

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Use	Superordinate group	Subgroup
	Stationary belt sanding	○ Slack-of-belt sanding
	Stationary machine sanding	● Pneumatic drum sanding
	Stationary machine sanding	○ Brush finishing
Cut:		

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Glass sanding</li> <li>- Metal grinding</li> <li>- Wet sanding</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

Communication		
Claim:	for curves and profiles with radii from 10 mm	
Copy:	High dimensional accuracy and adaptability to contours and curves are enormously important in profiles belt sanding – which is why we developed 2933 jo siatur. Further advantages: long life, good finish and suitability for pneumatic rolls.	
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Furniture</li> <li>- Kitchens</li> <li>- Panels</li> <li>- Interior Work</li> <li>- Windows and Doors</li> </ul>	
Image material:	Product Top View (PTV)	Front side: ID 1893
		Reverse side: ID 1892
	Application image	Coatings & composites: ID 297
		Wood:
		Metal:
		Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	ID 7616
		ID 1675

- Main application
- Secondary application