

Technical data sheet

2918 siapan



Status:	Ok
Approval:	31.03.2022

Classification	Public series
Product type:	Coated abrasives
Main industries:	Furniture Production
Further industries:	Panels Parquet

Product profile	
Grit type:	Semi-friable aluminium oxide
Grit range (total):	36-40; 60-120 FEPA P / ISO 6344
Backing:	Z-wt cloth, polyester
Coating:	Electrostatic open P036 – P060 Closed P080 – P120
Bonding:	Resin over resin
Special coating:	
Equipment:	TopTec

Properties	Technology
Removal rate:	- TopTec
Lifetime:	
Finishing:	
Flexibility:	
Contact pressure:	
	8 - high
	8 - long
	7 - good
	3 - rigid
	8 - strong

Advantages	
Furniture Production:	<ul style="list-style-type: none">- Dust-free process: Antistatic construction minimises dust build-up on belt, workpiece and machinery- High transverse belt stability- High removal rate when working on softwood and hardwood with coarser grits- Can repeatedly be removed and remounted into the sanding machine- Waterproof and washable- Can be used as wide belt and segmented belt- Perfect surfaces thanks to TopTec- For continuous, very heavy-duty use, washable- High tearing resistance- Climate resistant polyester backing



Applications

Furniture Production:	<ul style="list-style-type: none"> - Calibrating - Intermediate sanding - Fine sanding - Keying of plywood, wood core plywood and solid wood panels - Calibrating solid wood - Calibrating solid wood - Calibrating, coarse and intermediate sanding - Coarse sanding in plywood manufacturing - Coarse sanding of laminated solid wood panels - Fine sanding of laminated solid wood panels
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Material

Furniture Production:	Solid wood Solid wood Solid wood Wood-based materials Wood-based materials	<ul style="list-style-type: none"> ● Hard wood ○ Soft wood ○ Resinous wood ○ Wooden base ● Wooden base
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Conversion forms

	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - Cloth rolls - Jumbolino
	Belts	<ul style="list-style-type: none"> - Wide belts (width: from 400 mm) - Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)

Application

	Superordinate group	Subgroup
	Stationary belt sanding	Contact wide belt sanding
	Stationary belt sanding	Combined wide belt sanding
	Stationary belt sanding	Pad wide belt sanding
Cut:		

Details

No suitability for:	<ul style="list-style-type: none"> - Chipboards, MDF boards, melamine resin boards and laminates - Applications requiring a highly flexible backing
Sanding recommendation:	

Details

Safety recommendation:	<p>Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety</p> <ul style="list-style-type: none"> - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask
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Communication

Claim:	The segmented belt for the solid wood material industry		
Copy:	The 2918 siapan, which has been specially designed for the solid wood material industry, offers top results as a segmented belt.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Furniture Production:	ID 1486
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 8165

- Main application
- Secondary application