

# Technical data sheet

6120 siafleece



Status:	Ok
Approval:	11.04.2023

<b>Classification</b>	Public series
Product type:	Non woven abrasives
Main industries:	General Fabrication Aerospace Automotive Building Interior
Further industries:	

<b>Product profile</b>	
Grit type:	Aluminium oxide Silicon carbide
Grit range (total):	150
Backing:	Nonwoven
Coating:	Mechanical
Bonding:	Resin over resin
Special coating:	
Equipment:	

<b>Properties</b>		<b>Technology</b>
Removal rate:	6 - Medium	- siafast
Lifetime:	8 - long	
Finishing:	7 - good	
Flexibility:	10 - highly flexible	
Contact pressure:	3 - little	

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Highly flexible and adaptable to contours</li><li>- For manual or portable machine sanding</li><li>- Low clogging</li><li>- Suitable for general use in dry and wet sanding applications</li></ul>
Building Interior:	<ul style="list-style-type: none"><li>- Highly flexible and adaptable to contours</li><li>- 3-dimensional grit penetration</li><li>- Low clogging</li><li>- Alkali- and solvent-resistant</li><li>- Extremely long lifetime</li><li>- Very low flammability and thus a safe alternative to steel wool</li></ul>

<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Removal of rust</li><li>- Removal of discolouration</li><li>- Structuring and finishing</li></ul>










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Applications	
Building Interior:	<ul style="list-style-type: none"> <li>- Keying of wood, composite materials, paint, lacquers and primer filler</li> <li>- Sanding off raised wooden fibres</li> <li>- Keying surfaces for better paint adhesion</li> <li>- Fine sanding of surfaces</li> <li>- Scuffing solid surface materials</li> </ul>

Material		
General Fabrication:	Non-ferrous metals Stainless steel Steel	Non-ferrous metal High-alloy steels Unalloyed / low-alloy steel
Building Interior:	Lacquers Wood Wood	<ul style="list-style-type: none"> <li>○ Lacquer</li> <li>● Hard wood</li> <li>● Soft wood</li> </ul>

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Cloth rolls</li> <li>- Jumbolino</li> <li>- siavlies rolls</li> </ul>
	Sheet	<ul style="list-style-type: none"> <li>- Half sheets</li> <li>- Standard sheets</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- siavlies strips</li> </ul>
	Foam abrasives	<ul style="list-style-type: none"> <li>- Discs</li> </ul>
	Delta and polygons	<ul style="list-style-type: none"> <li>- Delta and polygons</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siavlies discs</li> </ul>
	Flap wheel	<ul style="list-style-type: none"> <li>- Flap rollers nonwoven</li> <li>- Flap wheel with shaft cloth</li> <li>- Flap wheel with shaft cloth and nonwoven</li> <li>- Flap wheel with shaft nonwoven</li> </ul>
	Belts	<ul style="list-style-type: none"> <li>- scm belts</li> </ul>
	System components	<ul style="list-style-type: none"> <li>- siastar profiles</li> </ul>

Application	Superordinate group	Subgroup
Cut:		

Details	
No suitability for:	

<b>Details</b>	
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <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>

<b>Communication</b>			
Claim:	For even surface finishes in manual and portable machine sanding		
Copy:	6120 siafleece can be used for dry and wet sanding and impresses due to its high conformability, consistent performance over the entire lifetime, low tendency to clog, and consistently high surface quality.		
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID
	Application image	General Fabrication: ID 557	Building Interior: ID 115555
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 1684

- Main application
- Secondary application