

# Technical data sheet

6120 siafleece



MKP person responsible:	Kevin Finnie
Serie-Verantwortlicher:	General Fabrication: Kevin Finnie Building Interior: Damian Bilgeri
Status:	Ok
Approval:	05.06.2020

<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):	
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>

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Applications	
General Fabrication:	<ul style="list-style-type: none"> <li>- Removal of rust</li> <li>- Removing discolouration</li> <li>- Structuring/finishing</li> </ul>
Building Interior:	<ul style="list-style-type: none"> <li>- Sanding off old varnish, paints and stains</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:	High alloyed steel Non-ferrous metal Unalloyed / low-alloy steel	High alloyed steel Non-ferrous metal Unalloyed / low-alloy steel
Building Interior:	Lacquers Wood Wood	<ul style="list-style-type: none"> <li>○ Paints</li> <li>● Hardwood</li> <li>● Softwood</li> </ul>

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- jumbolino</li> <li>- siafleece rolls</li> </ul>
	Sheet	<ul style="list-style-type: none"> <li>- standard sheet</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- siafleece strips</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>- siafleece discs</li> </ul>
	Flap wheels	<ul style="list-style-type: none"> <li>- Flap wheel with shaft cloth</li> <li>- Flap wheel with shaft cloth and nonwoven</li> <li>- Flap wheel with shaft nonwoven</li> </ul>
	System components	<ul style="list-style-type: none"> <li>- siastar profiles</li> </ul>

Application	Superordinate group	Subgroup
cut:		

Details	
No suitability for:	
Sanding recommendation:	



<b>Details</b>	
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>

<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 376
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 1684

- Main application
- Secondary application