Technical data sheet
6120 siafleece

Status:	Ok
Approval:	15.12.2025

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

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

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

Advantages	
General Fabrication:	- Highly flexible and adaptable to contours - For manual or portable machine sanding - Low clogging - Suitable for general use in dry and wet sanding applications
Building Interior:	- Highly flexible and adaptable to contours - 3-dimensional grit penetration - Low clogging - Alkali- and solvent-resistant - Very long lifetime - Very low flammability and thus a safe alternative to steel wool
Aerospace:	- Low clogging - Consistent sanding pattern and long lifetime thanks to even grit distribution and penetration - Can be folded and cut to any desired format

Applications	
General Fabrication:	- Removal of rust - Removal of discolouration - Structuring and finishing
Building Interior:	- Keying of wood, composite materials, paint, lacquers and primer filler - Sanding off raised wooden fibres - Keying surfaces for better paint adhesion - Fine sanding of surfaces - Scuffing solid surface materials
Aerospace:	- Keying of lass fibre reinforced plastics (GRP) - Keying of old and new lacquers as well as composite materials - Cleaning of welds - Intermediate sanding of curves and profiles - Refining of grind lines

Material		
General Fabrication:	Non-ferrous metals	Non-ferrous metal
	Stainless steel	High-alloy steels
	Steel	Unalloyed / low-alloy steel
Building Interior:	Lacquers	○ Lacquer
	Wood	● Hard wood
	Wood	● Soft wood
Aerospace:		○ Unalloyed / low-alloy steel
	Composites	● Glass-fibre reinforced plastic (GRP)
	Composites	● Composite
	Non-ferrous metals	● Aluminium
	Stainless steel	○ High-alloy steels

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls - Jumbolino - siafleece rolls
	Sheet	- Half sheets - Standard sheets
	Strips	- siafleece strips
	Foam abrasives	- Discs
	Delta and polygons	- Delta and polygons
	Discs	- siafleece discs

Conversion forms	Upper conversion	Lower conversion
	Flap wheel	- Flap rollers cloth and nonwoven - Flap rollers nonwoven - Flap wheel with shaft cloth - Flap wheel with shaft cloth and nonwoven - Flap wheel with shaft nonwoven
	Belts	- scm belts
	System components	- siastar profiles

Application	Superordinate group	Subgroup
Cut:		

Details	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - 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

Communication			
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: Rear side:	ID 4884 ID 4884
	Application image	General Fabrication: Building Interior: Aerospace:	ID 557 ID 115555 ID 6387
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 1684

● Main application
○ Secondary application