Technical data sheet
6120 siafleece

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

Classification	Public series
Product type:	Non woven abrasives
Main industries:	General Fabrication Aerospace Automotive Building Interior
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 - Extremely long lifetime - Very low flammability and thus a safe alternative to steel wool

Applications	
General Fabrication:	- Removal of rust - Removing discolouration - Structuring/finishing
Building Interior:	- Sanding off old varnish, paints and stains - Sanding off raised wooden fibres - Keying surfaces for better paint adhesion - Fine sanding of surfaces - Scuffing solid surface materials

Material		
General Fabrication:	Non-ferrous metals	Non-ferrous metal
	Stainless steel	High alloyed steel
	Steel	Unalloyed / low-alloy steel
Building Interior:	Lacquers	○ Paints
	Wood	● Hardwood
	Wood	● Softwood

Conversion forms	Upper conversion	Lower conversion
	Rolls	- jumbolino - siafleece rolls
	Sheet	- standard sheet
	Strips	- siafleece strips
	Foam abrasives	- Discs
	Delta and polygons	- Delta and polygons
	Discs	- siafleece discs
	Flap wheels	- Flap wheel with shaft cloth - Flap wheel with shaft cloth and nonwoven - Flap wheel with shaft nonwoven
	System components	- siastar profiles

Application	Superordinate group	Subgroup
cut:		

Details	
No suitability for:	
Sanding recommendation:	

Details	
Safety recommendation:	- 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 ID
	Application image	General Fabrication: Building Interior:	ID 557
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 1684

● Main application
○ Secondary application