

Technical data sheet

7241 siacarbon



MKP person responsible:	Roman Koller
Status:	Ok
Approval:	06.02.2017

Classification	Public series
Product type:	Coated abrasives
Main application area:	Coatings and Composites
Secondary application area:	Wood; Metal




Product profile	
Grit type:	Diamond
Grit range (total):	80; 120; 180; 240; 320; 500
Backing:	Cloth
Coating:	Special process
bonding:	Resin over resin
Special coating:	
Equipment:	


Properties		Technology
Cut:	9 - very high	- siafast
Lifetime:	10 - very long	
Finishing:	8 - good	
Flexibility:	10 - highly flexible	
Contact pressure:		

Advantages	
Coatings & composites:	<ul style="list-style-type: none"> - Excellent performance on hard materials - Extremely long lifetime thanks to state-of-the-art diamond technology - Full-surface dust extraction - No dependence on hole system - Minimal risk of sanding through on edges - Increased efficiency due to measurable time-saving - Consistent removal rates
Wood:	<ul style="list-style-type: none"> - Excellent performance on hard materials - Extremely long lifetime thanks to state-of-the-art diamond technology - Full-surface dust extraction - No dependence on hole system - Consistent removal rates - Pleasant sanding feel - May be used wet or dry
Metal:	<ul style="list-style-type: none"> - Increased efficiency due to measurable time-saving - Extremely long lifetime thanks to state-of-the-art diamond technology - Consistent removal rates - Optimal finish in combination with 6912 as well as 6712 siafleece clean&finish
Panels:	

Applications	
Coatings & composites:	<ul style="list-style-type: none"> - Keying of scratch-resistant coating systems as well as composite materials - Keying new components and factory primers - Keying aluminium
Wood:	<ul style="list-style-type: none"> - Fine sanding of mineral materials - Keying and matting of primers and melamine sheets
Metal:	
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:	<ul style="list-style-type: none"> Gelcoats Lacquers Metals Plastics Primers Primers 	<ul style="list-style-type: none"> ○ Gelcoat polyester ● Scratchproof lacquer ● Aluminium ○ Plastics ● Cathodic dip primer coat ● Epoxy primer coat
Wood:	<ul style="list-style-type: none"> Coatings Coatings Coatings Plastics 	<ul style="list-style-type: none"> ● Scratchproof lacquer ○ Priming foil ○ Melamine sheet ○ Primer filler ● Solid surface material
Metal:	Non-ferrous metals	● Aluminium alloy
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	- siafast rolls
	Strips	- siafast strips
	Discs	- siafast discs

Use	Superordinate group	Subgroup
	Portable machine sanding	● random orbital sander
Cut:	Dry applicationWet sanding	

Details	
No suitability for:	<ul style="list-style-type: none"> - Glass sanding - Stone grinding
Sanding recommendation:	- The harder the surface, the higher the abrasive performance and the longer the tool life

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Details	
Safety recommendation:	<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

Communication		
Claim:	the harder, the more efficient	
Copy:	7241 siacarbon is ideal for wet and dry machine sanding of hard surfaces: For unique results when keying scratch-resistant lacquers, composite materials, new parts, factory primers and aluminium with a minimum of abrasives consumption.	
Industrial Verticals:	<ul style="list-style-type: none"> <li style="width: 50%;">- Automotive <li style="width: 50%;">- Furniture <li style="width: 50%;">- Trucks <li style="width: 50%;">- Kitchens <li style="width: 50%;">- Railway <li style="width: 50%;">- Interior Work <li style="width: 50%;">- Marine <li style="width: 50%;">- Sports Equipment <li style="width: 50%;">- Aerospace <li style="width: 50%;">- Coils and Sheet Metal <li style="width: 50%;">- Bus <li style="width: 50%;">- Construction and Metalwork <li style="width: 50%;">- Wind Power 	
Image material:	Product Top View (PTV)	Front side: ID 4938 Reverse side: ID 1941
	Application image	Coatings & composites: ID 105 Wood: Metal: Panels:
	Product show:	ID 2925
	Macro shot:	
	Packaging image:	
	Product group image:	ID 7631 ID 1692

- Main application
- Secondary application