

Technical data sheet

7241 siacarbon



Status:	Ok
Approval:	19.03.2024

Classification	Public series
Product type:	Coated abrasives
Main industries:	Automotive Aerospace Furniture Production Building Interior
Further industries:	Trucks Rail Marine Bus Wind Power Kitchens Sports Equipment Coils and Sheet 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
Removal rate:	9 - very high	- siafast
Lifetime:	10 - very long	
Finishing:	8 - good	
Flexibility:	10 - highly flexible	
Contact pressure:		

Advantages	
Building Interior:	<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- Can be used wet or dry

Advantages

Furniture Production:	<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 - Can be used wet or dry
Automotive:	<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
Aerospace:	<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




Applications


Building Interior:	
Furniture Production:	<ul style="list-style-type: none"> - Fine sanding of mineral materials - Keying and matting of primers and melamine sheets
Automotive:	<ul style="list-style-type: none"> - Keying of scratch-resistant coating systems as well as composite materials - Keying of new components and factory primers - Keying of aluminium
Aerospace:	<ul style="list-style-type: none"> - Keying of scratch-resistant coating systems as well as composite materials - Keying of new components and factory primers - Keying of aluminium

Material

Building Interior:	<ul style="list-style-type: none"> ○ Melamine sheet ● Scratchproof lacquer ● Solid surface material ○ Primer filler ○ Priming foil
Furniture Production:	<ul style="list-style-type: none"> ● Scratchproof lacquer ○ Priming foil ○ Melamine sheet ○ Primer filler ● Solid surface material

Material		
Automotive:	<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
Aerospace:	<ul style="list-style-type: none"> Gelcoats Lacquers Non-ferrous metals Plastics Primers Primers 	<ul style="list-style-type: none"> ○ Gelcoat polyester ● Scratchproof lacquer ● Aluminium ○ Plastics ● Cathodic dip primer coat ● Epoxy primer coat

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

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
Cut:	Dry application, Wet 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
Safety recommendation:	<p>Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety</p> <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

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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.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Building Interior:	ID 11890
		Furniture	ID 2235
		Production:	ID 105
		Automotive:	ID 55
		Aerospace:	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:	ID 1692	

- Main application
- Secondary application