

Technical data sheet

7240 siacarat



Status:	Ok
Approval:	17.01.2020

Classification	Public series
Product type:	Coated abrasives
Main industries:	Automotive Aerospace Building Interior
Further industries:	Trucks Rail Marine Bus Wind Power Kitchens Sports Equipment

Product profile	
Grit type:	Diamond
Grit range (total):	500; 1000; 2000; 3000
Backing:	Knitted fabric with foam backing
Coating:	Special process
Bonding:	Resin over resin
Special coating:	
Equipment:	


Properties		Technology
Removal rate:	10 - 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">- Extremely long lifetime thanks to state-of-the-art diamond technology- Lasts up to 40 times longer than conventional abrasives- Highly adaptable to contours, curves and profiles- Foam backing equalises pressure and prevents undercutting- Can be used many times
Automotive:	<ul style="list-style-type: none">- Very high stock removal rates and excellent finish- Low clogging thanks to damp sanding- Lasts up to 40 times longer than conventional abrasives- Highly adaptable to contours, curves and profiles- Pressure-equalising foam gives perfect surface finish- Waterproof and washable- Resistant to silicon remover

Advantages	
Aerospace:	<ul style="list-style-type: none"> - Very high stock removal rates and excellent finish - Low clogging thanks to damp sanding - Lasts up to 40 times longer than conventional abrasives - Highly adaptable to contours, curves and profiles - Pressure-equalising foam gives perfect surface finish - Waterproof and washable - Resistant to silicon remover

Applications	
Building Interior:	
Automotive:	<ul style="list-style-type: none"> - Matt finishing of scratch-resistant coating systems as well as composite materials - Producing a matt finish for blending - Preparation for polishing on high-gloss surfaces
Aerospace:	<ul style="list-style-type: none"> - Scuffing and refining very hard surfaces - Fine sanding of primer filler in hard-to-reach areas - Producing a matt finish for blending - Preparation for polishing on high-gloss surfaces

Material		
Building Interior:	Lacquers Mineral materials	<ul style="list-style-type: none"> ● Scratchproof lacquer ○ Lacquer ● Solid surface material
Automotive:	Composites Lacquers Plastics Plastics	<ul style="list-style-type: none"> ● Composite ● Scratchproof lacquer ● Acrylic glass ● Plastics
Aerospace:	Acrylic glass (Plexiglass) Composites Lacquers Plastics	<ul style="list-style-type: none"> ● Acrylic glass ● Composite ● Scratchproof lacquer ● Plastics

Conversion forms	Upper conversion	Lower conversion
	Discs	- siafast discs

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Manual sanding	Manual sanding
Cut:	Wet sanding	

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Details	
No suitability for:	<ul style="list-style-type: none">- glass sanding- Stone grinding
Sanding recommendation:	<ul style="list-style-type: none">- Best results are obtained by damp grinding
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

Communication				
Claim:	For finishing scratch-resistant surfaces			
Copy:	Thanks to the coating of the abrasive with diamond abrasive minerals combined with the pressure-damping foam backing, 7240 siacarat is an ideal solution for wet sanding of hard materials in the lacquers, composites and mineral materials segments.			
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID	
	Application image	Building Interior: ID 11887	Automotive: ID 156	Aerospace: ID 9271
	Product show:			
	Macro shot:			
	Packaging image:			
	Product group image:			ID 1691

- Main application
- Secondary application