

Technical data sheet

5550 siaprime



MKP person responsible:	Roman Koller
Status:	Ok
Approval:	09.01.2017

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

Product profile	
Grit type:	Grit mixture (with ceramic)
Grit range (total):	40; 60-180
Backing:	Polyester foil
Coating:	Electrostatic open
bonding:	Resin over resin
Special coating:	
Equipment:	

Properties		Technology
Cut:	10 - very high	- siafast
Lifetime:	10 - very long	
Finishing:	7 - good	
Flexibility:	9 - highly flexible	
Contact pressure:		

Advantages	
Coatings & composites:	<ul style="list-style-type: none"> - Very high removal rate - Performance-enhancing grit mix with ceramic corundum - Film backing for exceptional edge stability and tear resistance - High level of flexibility guarantees trouble-free sanding at corners and edges - Minimal clogging thanks to modern coating technology - Extremely long lifetime
Wood:	<ul style="list-style-type: none"> - Film backing for exceptional edge stability and tear resistance - High removal rate thanks to ceramic grit - Minimal clogging thanks to modern coating technology - No disruption to coating - High tear resistance - High level of flexibility guarantees trouble-free sanding at corners and edges - Very efficient and productive - Good planarity thanks to high resistance to climatic conditions
Metal:	
Panels:	




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Applications	
Coatings & composites:	<ul style="list-style-type: none"> - Sanding down coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flating of bodyfiller and composite materials - Keying of coatings, steel, aluminium, plastics and mineral materials
Wood:	- Flating of bodyfiller and composite materials
Metal:	
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:	Bodyfiller Composites Composites Lacquers Metals Metals Paints Primers Primers	<ul style="list-style-type: none"> ● Bodyfiller ● Glass-fibre reinforced plastic (GRP) ● Composite ● Old lacquer ● Aluminium ● Steel ● Colour ● Primer coat ● Epoxy primer coat
Wood:	Coatings	● Bodyfiller
Metal:		
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Strips	- siafast strips
	Delta and polygons	- Delta and polygons
	Discs	- siafast discs

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

Details	
No suitability for:	<ul style="list-style-type: none"> - Glass sanding - Wet sanding - Stone grinding
Sanding recommendation:	



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:	premium quality which saves time and money	
Copy:	5550 siaprime has been developed especially for industrial applications and repair activities. It sets standards in performance and lifetime – ensuring that you achieve your goal in a fast, cost-saving manner.	
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%;">- Machinery, equipment <li style="width: 50%;">- Aerospace <li style="width: 50%;">- Coils and Sheet Metal <li style="width: 50%;">- Bus <li style="width: 50%;">- Wind Power 	
Image material:	Product Top View (PTV)	Front side: ID 4985
		Reverse side: ID 8179
	Application image	Coatings & composites: ID 107
		Wood:
		Metal:
		Panels:
	Product show:	ID 2924
	Macro shot:	
	Packaging image:	ID 1733
	Product group image:	ID 7623
		ID 1683

- Main application
- Secondary application