

# Technical data sheet

6924 siamet hd



MKP person responsible:	Deepak Mahajan
Status:	Ok
Approval:	28.10.2016

<b>Classification</b>	Public series
Product type:	Non woven abrasives
Main application area:	Metal

<b>Product profile</b>	
Grit type:	Aluminium oxide
Grit range (total):	
Backing:	Nonwoven
Coating:	Mechanical
bonding:	Resin over resin
Special coating:	
Equipment:	


Properties		Technology
Cut:	8 - high	
Lifetime:	8 - long	
Finishing:	6 - average	
Flexibility:	3 - rigid	
Contact pressure:	7 - strong	



<b>Advantages</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"> <li>- Major time-saving thanks to highest aggressiveness and highest stock removal rates</li> <li>- Excellent performance on hard materials</li> <li>- More durable so more resistant on edges</li> <li>- Much less smearing tendency than existing products; especially at the edge of the disc when working at tight angles</li> <li>- Excellent and consistent finish over a long period of time</li> </ul>
Panels:	

<b>Applications</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"> <li>- Blending</li> <li>- Sanding down</li> <li>- Light deburring</li> <li>- Removing polishing scratches</li> <li>- Removing discolouration</li> <li>- Removing paint</li> <li>- Removing rust</li> </ul>

<b>Applications</b>	
Panels:	

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels High alloy steels High alloy steels Non-alloy / low-alloy steels Non-alloy / low-alloy steels Non-alloy / low-alloy steels Non-ferrous metals Other metals with hard to grind surfaces	<ul style="list-style-type: none"> <li>● High-alloy steel</li> <li>● Stainless steel (inox)</li> <li>● Stainless steel (inox)</li> <li>● Unalloyed / low-alloy steel</li> <li>● Ferrous metal</li> <li>● Steel</li> <li>○ Non-ferrous metal</li> <li>● Other hard-to-grind metals</li> </ul>
Panels:		

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Discs	<ul style="list-style-type: none"> <li>- scm discs</li> <li>- siafix discs</li> </ul>

<b>Use</b>	Superordinate group	Subgroup
	Portable machine sanding	● Angle grinder
	Portable machine sanding	● Mini angle grinder
Cut:	Dry application	

<b>Details</b>	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

<b>Communication</b>	
Claim:	high-performance discs for surface finishing of steels
Copy:	The high-performance discs in the 6924 siamet hd series offer an exceptional removal rate on hard materials and also impress with their exceptionally long lifetime. An excellent, even finish is yet another advantage.

<b>Communication</b>			
Industrial Verticals:			
Image material:	Product Top View (PTV)	Front side:	ID 4895
		Reverse side:	ID 8475
	Application image	Coatings & composites:	
		Wood:	ID 5627
		Metal:	
		Panels:	
	Product show:		
Macro shot:			
Packaging image:			
Product group image:		ID 7627	
		ID 4565	

- Main application
- Secondary application