

# Technical data sheet

2582 siamic



Status:	Ok
Approval:	29.01.2024

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Turbines Machinery, equipment Tools Tubes and Profiles Shipbuilding



<b>Product profile</b>	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36; 60-80; 120
Backing:	x-wt cloth, polyester 120 y-wt cloth, polyester 36 – 80
Coating:	Electrostatic
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	






<b>Properties</b>		<b>Technology</b>
Removal rate:	10 - very high	- Moulded grit - microtec - siamic
Lifetime:	10 - very long	
Finishing:	8 - good	
Flexibility:	1 - very rigid	
Contact pressure:	8 - strong	

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- High removal rate thanks to ceramic grit</li><li>- Long lifetime</li><li>- Aggressive initial sanding thanks to optimised sanding grain</li><li>- Increased efficiency due to measurable time-saving</li><li>- Active additives with a cooling effect greatly reduce discolouration</li><li>- Fast and rugged stock removal with regular surface quality</li><li>- Uniform cutting performance</li><li>- Minimal effort required thanks to highly aggressive abrasive grit</li></ul>

<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Weld preparation</li><li>- Stock removal</li><li>- Deburring</li><li>- Smoothing and blending of flaws</li></ul>

Material		
General Fabrication:	Non-ferrous metals Non-ferrous metals Stainless steel Steel	<ul style="list-style-type: none"> <li>○ Aluminium</li> <li>○ Non-ferrous metal</li> <li>● Stainless steel (inox)</li> <li>● Unalloyed / low-alloy steel</li> </ul>

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls
	Belts	<ul style="list-style-type: none"> <li>- Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)</li> <li>- Tongued sanding belts (width: 6–30 mm/length: up to 950 mm)</li> </ul>

Application	Superordinate group	Subgroup
	Portable machine sanding	Portable belt sander
	Stationary belt sanding	Contact belt sanding
	Stationary belt sanding	Contact wide belt sanding
	Stationary belt sanding	Long belt sanding
	Stationary belt sanding	Centreless belt sanding
Cut:	Dry application, Wet sanding (belts only)	

Details	
No suitability for:	- Stone grinding
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general EN safety recommendations</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use hearing protection</li> <li>- Spectacles</li> <li>- glove</li> <li>- Use eye and face protection</li> </ul>



<b>Communication</b>	
Claim:	The ceramic abrasive belt for maximum performance on stainless steel and other metals
Copy:	Thanks to the triangular shape of the ceramic grain, the strong polyester backing and the cooling agent, the 2582 siamic abrasive belt offers the highest removal rate and longest lifetime on stainless steel and other metals.
Image material:	Product Top View (PTV) <span style="float: right;">Front side: ID Rear side: ID</span>
	Application image <span style="float: right;">General Fabrication: ID 12477</span>
	Product show:
	Macro shot:
	Packaging image:
	Product group image:

- Main application
- Secondary application