

Technical data sheet

2503 siabite



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|-----------|------------|
| Status: | Ok |
| Approval: | 02.08.2022 |

| Classification | |
|---------------------|--|
| Public series | |
| Product type: | Coated abrasives |
| Main industries: | General Fabrication |
| Further industries: | Turbines Machinery, equipment Stamped and Shaped Parts Tubes and Profiles |




| Product profile | |
|---------------------|-------------------------|
| Grit type: | Ceramic aluminium oxide |
| Grit range (total): | 36-50; 80 |
| Backing: | X-wt cloth |
| Coating: | Closed |
| Bonding: | Resin over resin |
| Special coating: | Cooling additive |
| Equipment: | |






| Properties | | Technology |
|-------------------|----------------|------------|
| Removal rate: | 9 - very high | - siafast |
| Lifetime: | 9 - very long | |
| Finishing: | 7 - good | |
| Flexibility: | 2 - very rigid | |
| Contact pressure: | 10 - high | |

| Advantages | |
|----------------------|--|
| General Fabrication: | <ul style="list-style-type: none">- High removal rate thanks to ceramic grit- Active additives with a cooling effect greatly reduce discolouration- Long product life- Cost reduction thanks to long lifetime |

| Applications | |
|----------------------|--|
| General Fabrication: | <ul style="list-style-type: none">- Weld preparation- Removal of discolouration- Stock removal- Surface treatment- Deburring- Smoothing and blending of flaws |

| Material | |
|----------------------|-------------------------------------|
| General Fabrication: | Stainless steel ● High-alloy steels |

| Conversion forms | Upper conversion | Lower conversion |
|---|------------------|---|
|  | Rolls | - Cloth rolls - Jumbolino |
|  | Discs | - Various discs |
|  | Belts | - Wide belts (width: from 400 mm) - Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm) - Power file belts (width: 6-30 mm/length: up to 950 mm) |

| Application | Superordinate group | Subgroup |
|---|--------------------------|---------------------------|
|  | Portable machine sanding | Power file |
|  | 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 | |

| Details | |
|-------------------------|--|
| No suitability for: | - At low contact pressure - Fine sanding work on soft contact rollers |
| Sanding recommendation: | |
| Safety recommendation: | Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - 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 guaranteed performance on hard to grind metals |

