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| Status: | Ok |
| Approval: | 20.03.2020 |

| Classification | Public series |
|-----------------------|---|
| Product type: | Coated abrasives |
| Main industries: | General Fabrication |
| Further industries: | Casting and Forging Machinery, equipment |

| Product profile | |
|------------------------|-------------------------|
| Grit type: | Ceramic aluminium oxide |
| Grit range (total): | 36 |
| Backing: | Fibre |
| Coating: | Closed |
| Bonding: | Resin over resin |
| Special coating: | Cooling additive |
| Equipment: | |

| Properties | Technology |
|-------------------|-------------------|
| Removal rate: | 10 - very high |
| Lifetime: | 10 - very long |
| Finishing: | 8 - good |
| Flexibility: | 1 - very rigid |
| Contact pressure: | 10 - high |

| Advantages | |
|----------------------|---|
| General Fabrication: | <ul style="list-style-type: none"> - High-performance product with ceramic aluminium oxide - Active additives with a cooling effect greatly reduce discolouration - Firm fibre backing |


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


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

Technical data sheet

4515 siabite



| Conversion forms | Upper conversion | Lower conversion |
|---|------------------|------------------|
|  | Discs | - Fibre discs |

| Application | Superordinate group | Subgroup |
|---|--------------------------|---------------|
|  | Portable machine sanding | Angle grinder |
| Cut: | Dry application | |

| Details | |
|-------------------------|--|
| No suitability for: | <ul style="list-style-type: none"> - Wet sanding - Stone grinding |
| Sanding recommendation: | <ul style="list-style-type: none"> - For aggressive grinding, select a hard sanding pad - For soft grinding, select a soft grinding pad |
| 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: | The ceramic fibre disc for heavy-duty applications |
| Copy: | 4515 siabite is designed especially for heavy-duty sanding applications. The highly aggressive and durable ceramic fibre disc is suitable, in particular, for materials such as stainless steel (INOX), exotic alloys and other hard to grind metals. |
| Image material: | Product Top View (PTV) |
| | Front side: ID |
| | Rear side: ID |
| | Application image |
| | General Fabrication: ID 5625 |
| | Product show: |
| | Macro shot: |
| | Packaging image: |
| | Product group image: |

- Main application
- Secondary application