

Technical data sheet

7241 siacarbon



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|-----------|------------|
| Status: | Ok |
| Approval: | 19.03.2024 |

| Classification | |
|-----------------------|--|
| Public series | |
| Product type: | Coated abrasives |
| Main industries: | Automotive Aerospace Furniture Production Building Interior |
| Further industries: | Trucks Rail Marine Bus Wind Power Kitchens Sports Equipment Coils and Sheet Metal |

| Product profile | |
|------------------------|-----------------------------|
| Grit type: | Diamond |
| Grit range (total): | 80; 120; 180; 240; 320; 500 |
| Backing: | Cloth |
| Coating: | Special process |
| Bonding: | Resin over resin |
| Special coating: | |
| Equipment: | |

| Properties | | Technology |
|-------------------|----------------------|-------------------|
| Removal rate: | 9 - very high | - siafast |
| Lifetime: | 10 - very long | |
| Finishing: | 8 - good | |
| Flexibility: | 10 - highly flexible | |
| Contact pressure: | | |

| Advantages | |
|--------------------|---|
| Building Interior: | <ul style="list-style-type: none">- Excellent performance on hard materials- Extremely long lifetime thanks to state-of-the-art diamond technology- Full-surface dust extraction- No dependence on hole system- Consistent removal rates- Pleasant sanding feel- Can be used wet or dry |







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|-----------------------|--|
| Furniture Production: | <ul style="list-style-type: none"> - Excellent performance on hard materials - Extremely long lifetime thanks to state-of-the-art diamond technology - Full-surface dust extraction - No dependence on hole system - Consistent removal rates - Pleasant sanding feel - Can be used wet or dry |
| Automotive: | <ul style="list-style-type: none"> - Excellent performance on hard materials - Extremely long lifetime thanks to state-of-the-art diamond technology - Full-surface dust extraction - No dependence on hole system - Minimal risk of sanding-through on edges - Increased efficiency due to measurable time-saving - Consistent removal rates |
| Aerospace: | <ul style="list-style-type: none"> - Excellent performance on hard materials - Extremely long lifetime thanks to state-of-the-art diamond technology - Full-surface dust extraction - No dependence on hole system - Minimal risk of sanding-through on edges - Increased efficiency due to measurable time-saving - Consistent removal rates |

| Applications | |
|-----------------------|---|
| Building Interior: | |
| Furniture Production: | <ul style="list-style-type: none"> - Fine sanding of mineral materials - Keying and matting of primers and melamine sheets |
| Automotive: | <ul style="list-style-type: none"> - Keying of scratch-resistant coating systems as well as composite materials - Keying of new components and factory primers - Keying of aluminium |
| Aerospace: | <ul style="list-style-type: none"> - Keying of scratch-resistant coating systems as well as composite materials - Keying of new components and factory primers - Keying of aluminium |

| Material | | | |
|--|---|--|---|
| Building Interior: | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <ul style="list-style-type: none"> Mineral materials Primer filler Primers </td> <td style="width: 50%; border: none;"> <ul style="list-style-type: none"> <input type="radio"/> Melamine sheet <input checked="" type="radio"/> Scratchproof lacquer <input checked="" type="radio"/> Solid surface material <input type="radio"/> Primer filler <input type="radio"/> Priming foil </td> </tr> </table> | <ul style="list-style-type: none"> Mineral materials Primer filler Primers | <ul style="list-style-type: none"> <input type="radio"/> Melamine sheet <input checked="" type="radio"/> Scratchproof lacquer <input checked="" type="radio"/> Solid surface material <input type="radio"/> Primer filler <input type="radio"/> Priming foil |
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| Furniture Production: | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <ul style="list-style-type: none"> Coatings Coatings Coatings Plastics </td> <td style="width: 50%; border: none;"> <ul style="list-style-type: none"> <input checked="" type="radio"/> Scratchproof lacquer <input type="radio"/> Priming foil <input type="radio"/> Melamine sheet <input type="radio"/> Primer filler <input checked="" type="radio"/> Solid surface material </td> </tr> </table> | <ul style="list-style-type: none"> Coatings Coatings Coatings Plastics | <ul style="list-style-type: none"> <input checked="" type="radio"/> Scratchproof lacquer <input type="radio"/> Priming foil <input type="radio"/> Melamine sheet <input type="radio"/> Primer filler <input checked="" type="radio"/> Solid surface material |
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| Material | | |
|-----------------|--|---|
| Automotive: | Gelcoats Lacquers Metals Plastics Primers Primers | <ul style="list-style-type: none"> ○ Gelcoat polyester ● Scratchproof lacquer ● Aluminium ○ Plastics ● Cathodic dip primer coat ● Epoxy primer coat |
| Aerospace: | Gelcoats Lacquers Non-ferrous metals Plastics Primers Primers | <ul style="list-style-type: none"> ○ Gelcoat polyester ● Scratchproof lacquer ● Aluminium ○ Plastics ● Cathodic dip primer coat ● Epoxy primer coat |

| Conversion forms | Upper conversion | Lower conversion |
|---|------------------|------------------|
|  | Rolls | - siafast rolls |
|  | Strips | - siafast strips |
|  | Discs | - siafast discs |

| Application | Superordinate group | Subgroup |
|---|------------------------------|-----------------------|
|  | Portable machine sanding | random orbital sander |
| Cut: | Dry application, Wet sanding | |

| Details | |
|-------------------------|--|
| No suitability for: | <ul style="list-style-type: none"> - glass sanding - Stone grinding |
| Sanding recommendation: | - The harder the surface, the higher the abrasive performance and the longer the tool life |
| 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 harder, the more efficient | |
| Copy: | 7241 siacarbon is ideal for wet and dry machine sanding of hard surfaces: For unique results when keying scratch-resistant lacquers, composite materials, new parts, factory primers and aluminium with a minimum of abrasives consumption. | |
| Image material: | Product Top View (PTV) | Front side: ID Rear side: ID |
| | Application image | Building Interior: ID 11890 Furniture: ID 2235 Production: ID 105 Automotive: ID 55 Aerospace: |
| | Product show: | |
| | Macro shot: | |
| | Packaging image: | |
| | Product group image: | ID 1692 |

- Main application
- Secondary application