

The abrasive for extremely rapid coarse sanding.

Festool Cristal: the new removal specialist.

Sometimes your work involves just one thing: material removal. All in a day's work when you've got the new high-performance Festool Cristal abrasive at your side. The perfect solution for any situation requiring quick, aggressive sanding where a smooth surface finish is not imperative. Minimal disc consumption and simple pad changes are a matter of course.

Reliable working result.

You achieve an even finish whichever grit size you use because the coating is adapted to the respective grit range.

Maximum material removal when coarse sanding.*

Increase your material removal rate by up to 40 %* with Cristal and benefit from maximum resistance to clogging. What makes Cristal so efficient? The sparse grit coating.

Extremely durable.

The special phenolic resin bonding is both resistant and flexible. The grits adhere to the support material for much longer as a result.

Extended usable life.

The aluminium oxide grits retain their geometric shape, even when sanding the toughest materials and ensure maximum removal capacity and minimal wear.

Minimal clogging.

With the Jetstream principle, your sanding discs can be used more intensively and for longer: additional air ducts in the sanding pad prevent a vacuum from forming. This keeps the temperature low during sanding and also minimises clogging.

Quicker changes.

It could not be easier: the Festool StickFix Velcro system secures the sanding disc to the sanding pad and ensures that the contact surface is always flat. Simply remove and attach the next abrasive!



* Brilliant 2 and Titan 2, Festool testing laboratory Sept./Oct. 2005.

Working in a system!

The market for abrasives is competitive and many sanding discs are offered at reduced prices. More often than not, the only positive aspect of these discs is that they fit the sanding pad and the machine perfectly because most sanding discs are designed simply to fit the majority of machines.

Not at Festool: our abrasives are adapted perfectly to our tools and the respective application to help you achieve better results. We not only offer a complete system of abrasives, sanding pads and dust extractors, we also produce abrasive qualities that enable you to exploit the technical potential of our tools even further and complete your work more quickly and efficiently.



Perfectly adapted to Festool machines: Festool abrasives Cristal, Brilliant 2, Titan 2, Rubin, Saphir, Platin 2 and Vlies.

The quickest way to achieve great results:

- Festool Cristal for preliminary sanding
- Titan 2 or Brilliant 2 for a perfect surface finish

Specially designed for preliminary sanding

Different demands require a wide range of effective solutions. This is why we have included a specialist for preliminary sanding in our range of abrasives: Festool Cristal. The sparse grit coating makes this abrasive more efficient than almost any other and lays a perfect foundation for subsequent sanding processes. You could not prepare your workpiece any better!

Sparse grit coating – redefined.

You are probably aware of the disadvantages of a sparse grit coating – but now you can forget them. The perfect combination of Festool machine, sanding pad and abrasive minimises both groove formation and the physical effort required for sanding. Why not try for yourself?



A combination of Cristal and established Festool machines ensure minimal groove formation in spite of a sparse grit coating.

The benefits to you:

- Quick, aggressive material removal
- Outstanding preliminary sanding finish in preparation for subsequent sanding processes
- Sparse grit coating for a long usable life

Old paint, plaster and filler removed in an instant.

Perfect for painters and vehicle body sprayers.

For painters



Extremely economical.

Sanding off old paint or lacquer has never been quicker, easier or more economical than with Cristal. Maximum resistance to clogging and a long usable life significantly reduce your rate of disc consumption.

For vehicle body sprayers



Pure power.

Cristal is ideal for all vehicle body sprayers who require an extremely high material removal rate for coarse sanding. The aggressive Cristal is perfect for sanding vehicle body repair compound and an ideal supplement to Titan 2, the Festool specialist for a perfect surface finish.



The right choice for old paint, repair compound, water-based paints and other "tough customers".

Problem solver for water-based paints.

Cristal has outstanding anti-smearing properties for sanding soft sublayers and water-based paints and lacquers, which will be used to an increasing extent in the future. One more reason for you to use Cristal.



Extreme material removal capacity, even on the toughest vehicle body repair compound.

Maximum time savings.

With up to 40 % greater material removal capacity and extremely high resistance to clogging, Cristal produces quick working results – with minimal application of force and an extremely long usable life. You no longer have to constantly change sanding sheets and therefore save yourself valuable time.

The benefits to you

Impressive economic efficiency

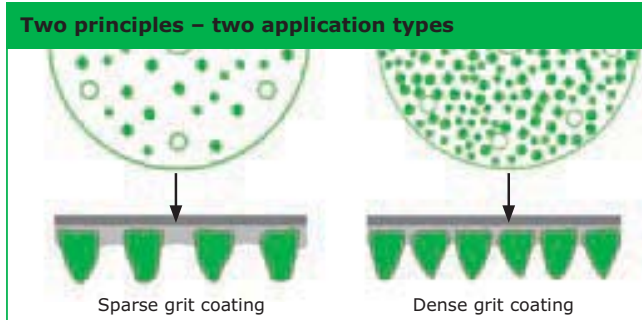
- High resistance to clogging
- Long service life
- Minimal sanding disc consumption

The benefits to you

You work more quickly and efficiently

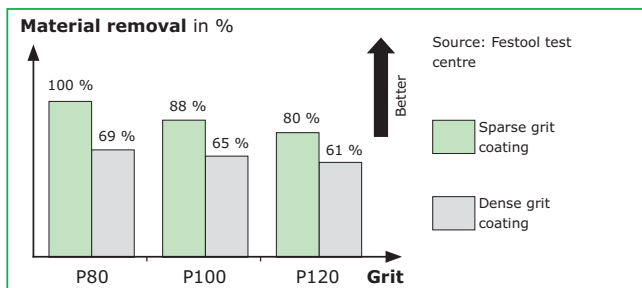
- Clean material removal and high removal capacity
- Quick working results
- Extremely durable

* Brilliant 2 and Titan 2, Festool testing laboratory Sept./Oct. 2005.

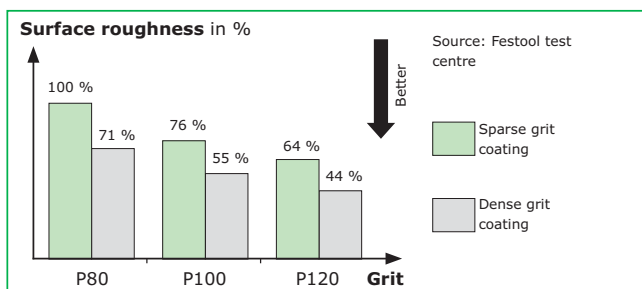


Sparse or dense grit coating?

Festool offers you the perfect abrasive whatever your preferences are. Use Festool Cristal with its sparse grit coating if you require a high material removal rate and uncomplicated dust extraction to save time. If you attach greater importance to a smooth surface finish, use Festool Brilliant 2 with its dense grit coating for minimal surface roughness and no resanding.



The sparser the grit coating, the quicker the material removal rate.



The denser the grit coating, the better the surface finish.

Well equipped with Festool

- New Cristal with sparse grit coating
- For rapid, efficient material removal

The Jetstream principle

Prevents clogging.

Festool uses the established Jetstream principle: two special air ducts and an additional central hole in the pad prevent a vacuum from developing during extraction. The combination of Jetstream, 9-hole arrangement and extractor system significantly improve dust extraction.



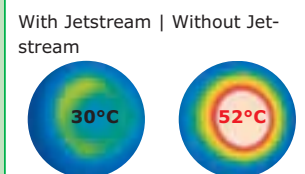
The 9-hole arrangement is clearly superior to the 6-hole arrangement.

The result:

1. Less dust accumulation
Grits can work more efficiently and increase the sanding capacity.



2. Reduced heat
The sanding area remains significantly cooler than with the conventional 6-hole principle.



3. Fewer blockages
Dust particles do not clump together and significantly reduce clogging of the abrasive.



The benefits to you:

- Abrasive used for longer
- Usable life extended by up to 30 %
- Significant cash savings!

Festool Cristal for heavy-duty sanding.

Applications

- Coarse sanding on:
- Old lacquer and paint
 - Plasterboard and dry wall filler
 - Vehicle body repair compound
 - Soft sublayers
 - Water-soluble paint

Features

- Efficient, rapid material removal
- Grit coating adapted to each individual grit size for consistent working results
- High resistance to clogging
- Long usable life
- Even surface roughness
- Special phenolic resin bonding for extreme durability
- Wear-resistant grit extends usable life
- No grit disintegration

Technical data

| | |
|------------------|--|
| Abrasive grit | Aluminium oxide Al ₂ O ₃ |
| Bonding | Phenolic resin |
| Support material | Special paper |
| Grit coating | Sparse |
| Fixing | StickFix Velcro system |
| Grit | P40 – P120 |

StickFix sanding discs and sheets.

FESTOOL Cristal



dia. 125 mm

| Grit | Contents | Order no. |
|------|----------|-----------|
| P40 | 5 | 494027 |
| P40 | 50 | 494032 |
| P60 | 5 | 494028 |
| P60 | 50 | 494033 |
| P80 | 5 | 494029 |
| P80 | 50 | 494034 |
| P100 | 5 | 494030 |
| P100 | 100 | 494035 |
| P120 | 5 | 494031 |
| P120 | 100 | 494036 |

FESTOOL Cristal



dia. 150 mm

| Grit | Contents | Order no. |
|------|----------|-----------|
| P40 | 5 | 494037 |
| P40 | 50 | 494042 |
| P60 | 5 | 494038 |
| P60 | 50 | 494043 |
| P80 | 5 | 494039 |
| P80 | 50 | 494044 |
| P100 | 5 | 494040 |
| P100 | 100 | 494045 |
| P120 | 5 | 494041 |
| P120 | 100 | 494046 |

FESTOOL Cristal



dia. 225 mm

| Grit | Contents | Order no. |
|------|----------|-----------|
| P40 | 25 | 494047 |
| P60 | 25 | 494048 |
| P80 | 25 | 494049 |
| P100 | 25 | 494050 |
| P120 | 25 | 494051 |

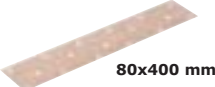
FESTOOL Cristal



80x133 mm

| Grit | Contents | Order no. |
|------|----------|-----------|
| P40 | 10 | 494052 |
| P40 | 50 | 494057 |
| P60 | 10 | 494053 |
| P60 | 50 | 494058 |
| P80 | 10 | 494054 |
| P80 | 50 | 494059 |
| P100 | 10 | 494055 |
| P100 | 100 | 494060 |
| P120 | 10 | 494056 |
| P120 | 100 | 494061 |

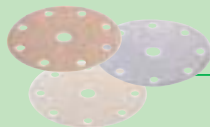
FESTOOL Cristal



80x400 mm

| Grit | Contents | Order no. |
|------|----------|-----------|
| P40 | 50 | 494254 |
| P60 | 50 | 494255 |
| P80 | 50 | 494256 |
| P100 | 50 | 494257 |
| P120 | 50 | 494258 |

The system components



Stickfix abrasives



Sanding pad with Jetstream principle

















ROTEK LEX 2 ETS ...



CTL LE/CTM LE CTL/TM/CTL MINI mobile dust extractor

For all other applications ...

“Concentrating on the basics” is our motto for the Festool abrasive range. All seven high-performance abrasives are perfectly adapted for the respective application and as important components of the Festool system, guarantee outstanding quality and rapid working progress. Try them out!

| Abrasives | Application/grit | Materials |
|---|--|---|
|   | <p>High-performance abrasives for paint and varnish. Preliminary, intermediate and final sanding for painters, joiners, furniture makers and interior fitters P 40–P 400</p> | <ul style="list-style-type: none"> • Paints and varnishes: acrylic, nitro-cellulose and priming varnishes • Repair compound, fine and polyester filler • Plastics: thermoplastic and fibre-reinforced plastics • Undercoat, filler, protective paint, primer |
|   | <p>High-performance abrasive for paints, lacquers and filler. Coarser, quicker preliminary sanding for painters, paintshops and vehicle repair. P 40–P 120</p> | <ul style="list-style-type: none"> • Paint and lacquer • Filler (polyester filler, 2-component materials) • Repair compound |
|   | <p>High-performance abrasive for repair compounds, fillers and paintwork. Preliminary, intermediate and final sanding in paintshops and automotive repair workshops P 80–P 500 P 800–F 3000</p> | <ul style="list-style-type: none"> • Filling materials, synthetic resin, nitro-cellulose, thick-layer and combination fillers, priming filler • Primers, reaction primers • 2-component materials • Water-dilutable paints • Light sanding / matt sanding of varnish prior to repainting • Ceramic paints |
|   | <p>High-performance abrasive for wood. Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries P 24–P 180</p> | <ul style="list-style-type: none"> • Hard wood • Soft wood • Tropical wood • Wood composites • Varnishes, paints, nitro-cellulose paints • Old coats of paint, primed wood |
|   | <p>High-performance abrasives for extreme conditions. Sanding thick coatings on hard surfaces. P 24–P 120</p> | <ul style="list-style-type: none"> • Sanding reinforced concrete and fibre-reinforced plastics (GRP, CFRP etc) • Sanding well-set fillers • Sanding heavily worn stairs • Fine sanding of uncoated, roughened metal surfaces • Deburring, rust removal, de-scaling |
|   | <p>High-performance abrasives for finishing mineral materials, high-gloss paints and plastics Finishing S 400–S 4000</p> | <p>Finishing with grit greater than grade 600 in preparation for polishing</p> <ul style="list-style-type: none"> • Mineral materials such as Corian®, Varicor®, Cristalan® • Acrylic glass, Plexiglas® • PUR high-gloss paint • Ceramic paints • Water-dilutable paints |
|   | <p>High-performance abrasives for light sanding, roughening, cleaning, degreasing and matting. Roughening, cleaning, degreasing and matting wood, paint, varnish and metal. A 120 A 280 S 800</p> | <ul style="list-style-type: none"> • Removing oxidation (efflorescence) from light alloys • Polishing non-ferrous/heavy metals • Polishing soldered points and joints at welded points • Pore deep cleaning of natural woods, veneered and lasered surfaces • Lightly sanding old coats of paint before repainting |