

## VSM - the specialist for glass grinding and finishing solutions

Specials

Products

applications

- Long life products
- Consistent surface finish
- Quality products made in Germany

## VSM - your specialist for your individual grinding process

VSM not only offers abrasives, but our ultimate goal is to determine how we can enhance your process while providing solutions for reducing abrasive costs and providing higher quality results. We do this through an in-depth analysis of your process requirements and propose the optimum grinding set-up.

## Your benefit with VSM products

**Grinding costs per workpiece** are reduced by

- higher stock removal
- outstanding life of VSM abrasives
- less rework-rates

**Machine capacity usage** is optimized due to

- less frequent belt changes
- faster grinding time per unit

**Surface quality of workpieces** is improved by

- consistent surface finish with VSM abrasives
- wide range of products to achieve every required surface quality

## Your applications



Facing of Buildings



Glass Constructions



Interior Design



Cross-Grinding



Wet Grinding



Hand Tools

# VSM abrasives for glass grinding and finishing



Belt	Belt	Belt		Grit size	Grain type	VSM series
Cross-grinding	Trimming	Dynaflex				
<b>High-Tech Series</b>						
● ●	● ●			P80, 120, 180, 240, 320, 400	COM-SIC	VSM CK748X
<b>High-Quality Series</b>						
● ●	● ●	●		P24, 36, 40, 50, 60, 80, 100, 120, 150, 180, 220, 240, 320, 400, 600	SIC	VSM CK721X
		●		P60, 80, 100, 150, 180, 220, 240, 280, 320	SIC	VSM CK721J
<b>Legend</b>	● suitable for the application	● suitable for wet applications	COM-SIC	Compactgrain Silicon Carbide		
			SIC	Silicon Carbide		

## High-Tech Product



VSM CK748X COMPACTGRAIN

- continuous release of new grain and generation of new grain cutting edges over the entire life
- consistent surface finish and grinding results
- less belt changing

## High-Quality Products



VSM CK721X / CK721J

- high cut rate
- strong water and oil resistant backing (X-flexibility)
- universal abrasive



# Self-sharpening Compactgrain abrasives

Compactgrain abrasives from VSM are coated with a granulate (Diagram 1) consisting of many grains resulting in an appearance of a coarser product, but this special design allows for longer belt life and more consistent finishes.

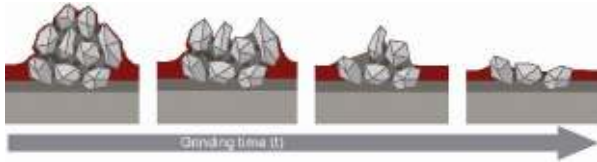


Diagram 1

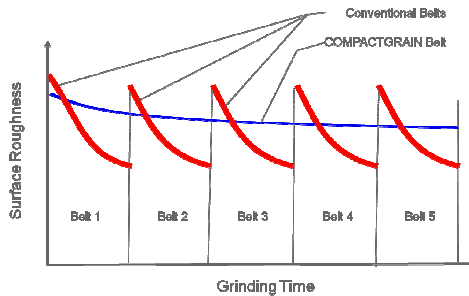


Standard Silicon Carbide P400



VSM Compactgrain P400

The single abrasive grain of Compactgrain granulate performs the stock removal. Once a grain is worn, it breaks away from the granulate exposing a new, sharp grain to start to grinding.



Conventional abrasives wear out much faster since they only have one layer of grain and do not provide the longevity of consistent surface finish. Therefore, they have to be changed more frequently.

VSM Compactgrain products provide outstanding life and consistent surface finish over their complete life cycle.

## Quality Products Made in Germany



Since 1864, VSM has been headquartered in Hannover, Germany manufacturing high tech and high quality abrasives. VSM is one of the global leaders in the abrasive market.

VSM's vertical integration allows the best quality control of all its raw materials and semi-finished products. This also allows the quick development and refinement of superior products in the marketplace.

VSM is ISO 9001 certified and has therefore achieved the highest standards in quality control, providing the best products for our customers.

## Contact us

Our highly skilled and experienced application engineers are looking forward to advising you. Contact us now to make an appointment and see for yourself!



Our worldwide locations can be found at

[www.vsmabrasives.com](http://www.vsmabrasives.com)

VSM Abrasives Corporation  
1012 East Wabash O'Fallon, MO 63366  
Phone: 800.825.0176 Fax: 636.272.6394

