

STRUCTURED DIAMOND ABRASIVE

DRY

KGS Swiflex® SDA


For photo purposes the mandatory guard has been removed from the machine.

KGS DIAMOND continues its tradition of industry leading innovation by introducing the KGS Swiflex® SDA technology.

KGS has the customer at the center of all product developments, focusing on diamond abrasive solutions that are user friendly, the most cost effective solutions available, and all made with the quality you expect from Swiss Diamond Technology.

The KGS Swiflex® SDA technology uses proprietary processes to optimize the efficiency of diamond in grinding & polishing applications. In addition, the KGS process brings a solution that is affordable in any application and meets the quality requirements of our most demanding customers.

Benefits for Grinding & Polishing Natural Stone and Composites

- 1) Designed for DRY and WET use
- 2) Grinds & Polishes faster than conventional abrasives
- 3) Grinds flatter & more precisely
- 4) Easy to use, less grinding steps
- 5) Very flexible, allows polishing of inside curves.
- 6) Works on many materials, granite, marble & engineered stone
- 7) The quality of gloss & polish is achieved easier & faster
- 8) Outperforms conventional abrasives at every gritsize!
- 9) KGS Swiflex® SDA gives lower process costs than conventional abrasive discs
- 10) Less process waste

FERRZON®
inside!

KGS Swiflex® SDA Product Information

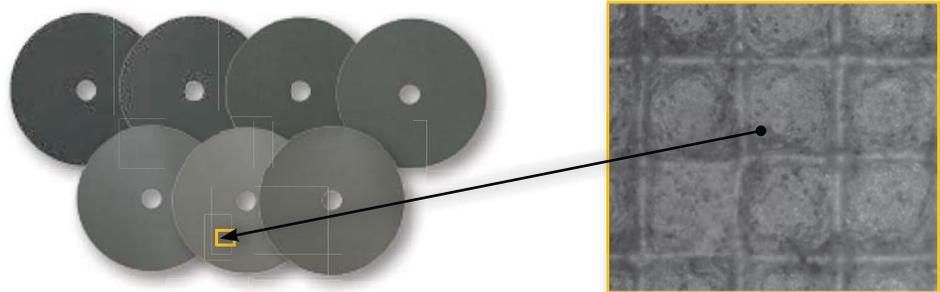
Product Availability

Discs: Ø 115 on QRS backer

Grit size: 60, 120, 200, 400, 800, 1500, 3000

Working Conditions for Stone

- 1) Hand machines at approximately 2000 – 4000 rpm
- 2) Dry on Natural Stone materials, including Granite & Marble
- 3) Small amount of water is suggested for engineered stone materials



Recommended Working Method

Important Notes:

- 1) For SDA product, use LESS force or pressure than with normal SiC grinding paper
- 2) On Engineered Stone, move with less force, and move fast over the surface to prevent burning (most important for polishing with 800, 1500 grits)
- 3) KGS Swiflex® SDA achieves a higher gloss with fewer steps and less working pressure than SiC
- 4) Always use a back-up pad in good condition
 - a. For best overall results, use KGS back-up pad Ø 115mm, article number 8851.10040
 - b. To work on curved surfaces, use KGS back-up pad Ø 115mm with 10 mm foam, article number 8851.10041

| Material | RPM | SDA Grit Sizes | | | | | | |
|------------------|---------------|-----------------------------|-------|-------|-------|-------|----------|---------------------|
| | | 60 | 120 | 200 | 400 | 800 | 1500 | 3000 |
| Granite | 3,000 - 4,500 | for very rough surface only | √ | √ | √ | √ | √ | For very high gloss |
| Engineered Stone | 3,000 - 4,500 | for very rough surface only | (WET) | (WET) | (WET) | (WET) | (WET) | not used |
| Marble | 2,000 - 4,500 | for very rough surface only | √ | √ | √ | √ | not used | not used |
| Limestone | 2,000 - 4,500 | for very rough surface only | √ | √ | √ | √ | not used | not used |
| Sandstone | 2,000 - 4,500 | for very rough surface only | √ | √ | √ | √ | not used | not used |

√ = WET or DRY