

SG12/SG24 SERIES SURFACE GRINDER ATTACHMENT APPLICATION GUIDE



ATTACHMENT	GRIND CONCRETE FLOORS	ROUGHEN CONCRETE FLOORS	REMOVE THINSETS	CLEAN CONCRETE FLOORS	REMOVE FLOOR URETHANES	REMOVE FLOOR EPOXIES	REMOVE FLOOR PAINTS	REMOVE MATERIAL BUILD-UPS	GRIND ASPHALTIC SURFACES	COMMENTS
 Grinding Stones	✓	✗	✗	—	✗	✗	✗	✗	✓	Application: Remove up to 1/8 inch material thickness. Hints: C10 stone most popular. Water and slurry minimizes clogging. Do not use to remove any thickness of paints, adhesives, epoxies, etc because of clogging characteristics similar to sandpaper. Service Life: Up to 5000 square feet.
 Wire Brush	✗	✗	✗	—	✗	✗	✗	—	✗	Application: Typically remove grease, wax, rubber, food by-products. Hints: Rotate every hour to remove directional set. Do not add external weight to grinder to increase productivity. Service Life: Up to 50,000 square feet depending upon application.
 Scarifiers	✗	—	—	✗	✗	✗	✗	✓	✗	Application: Roughen surfaces prior to top coating. Remove varnish, paint, epoxy and thin set. Hints: Star flail minimizes damage to cap surface. Tungsten carbide tipped flail produces most aggressive action. Add external weight to grinder to increase productivity. Service Life: Up to 50,000 square feet depending upon application.
 DIAM-A-TACH® Diamond Segment Grinding Systems	✓	✗	✗	✓	✓	✓	✓	✗	✓	Application: Removal of thin layers of materials without clogging, including adhesives, epoxies, urethanes, paints and concrete. Hints: Segments are directionally marked to increase diamond tail service life. Normal segment wear: .015 inch per 8 hour day. Variety of matrix/diamond configurations available. Use wet or dry. Service Life: Up to 50,000 square feet.
 SCRAPE-R-TACH® Coatings Removal System	✗	✗	—	✗	✓	✓	✓	✓	✗	Application: Removal of thicker layers of materials, including: adhesives, epoxies, urethanes and paints. Hints: Tungsten carbide inserts feature 8 wear edges. Test procedure: scrape blunt file edge against surface to determine effectiveness. Use water and sand slurry to increase productivity on extrudable materials. Add weight to grinder to increase productivity. Service Life: Variable from 1 to 8 hours per wear edge.

✓ Preferred method to produce maximum performance or productivity rates for most job applications.

— Acceptable performance or productivity rates for most job applications.

✗ Limited performance or productivity rates for most job applications.

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