



TECHNICAL DATA SHEET

SEMI-METAL 100#

PRODUCT DESCRIPTION

The Concrete Protector's Semi-Metal 100# is a green series diamond tool used in the installation of the Scientific Concrete Polishing System.

STANDARD COLORS: Green

OTHER COLORS ALSO AVAILABLE: N/A

REVISION DATE: February 13, 2026

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): N/A

TACK FREE (DRY TO TOUCH): N/A

RECOAT OR TOPCOAT: N/A

LIGHT FOOT TRAFFIC: N/A

FULL CURE: N/A

COVERAGE

Recommended for use on concrete surfaces which are in the process of getting the Scientific Concrete Polishing System installed.

COVERAGE: 20,000 + per set

MIX RATIO: N/A

RECOMMENDED FILM THICKNESS: N/A

PACKAGING INFORMATION: 1 piece, 9 piece set

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A

DIAMETER: 3"

TENSILE STRENGTH: N/A

ADHESION: N/A

VISCOSITY: N/A

ABRASION RESISTANCE: N/A

ULTIMATE ELONGATION: N/A

HARDNESS: N/A

VOLATILE ORGANIC CONTENT: N/A

SHELF LIFE: N/A

CHEMICAL RESISTANCE

N/A

LIMITATIONS

- To be used in the installation of the Scientific Concrete Polishing System

BENEFITS

- Substantially increased tool life
- Perfect tool for refining slabs before the final refinement with Red Series Tools



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INSTRUCTIONS

- 1) Securely mount the Edging Tool Semi Metal 100# on the grinder.
- 2) Check that the bond side faces correctly (abrasive side facing the concrete).
- 3) Turn on the grinder and let it reach full speed.
- 4) Lightly place the 100# tool against the edge — don't jam it in.
- 5) Move the tool smoothly along the edge in overlapping passes.
- 6) Keep the grinder flat and even.
- 7) Move at a steady pace — too slow can overheat the tool; too fast can leave marks.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY:

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