



SURE/CUT EDGE™

**THE LATEST BLACK BEAUTY
ABRASIVES INNOVATION**

KEY CHARACTERISTICS

USER ENVIRONMENT

MATERIAL DEVELOPED TO THE HIGHEST STANDARDS
OF HEALTH AND SAFETY FOR THE USER

PRODUCT OFFERINGS

AVAILABLE IN A VARIETY OF GRADES AND
PACKAGING TYPES

PERFORMANCE

- HIGH PRODUCTIVITY AND CLEANING RATE
- LOW CONSUMPTION RATE
- LOW DUST
- HIGH SURFACE QUALITY
- COMPETITIVE COST PER SQFT

MATERIAL COMPOSITION

COMPOSED MAINLY OF AMORPHOUS SILICON
DIOXIDE, MAGNESIUM OXIDE, IRON OXIDE, AND
OTHER COMPONENTS. NO LEACHABLE METALS.

TARGET APPLICATIONS

- SHIPBUILDING/MARINE
OPERATIONS
- PIPELINE /NEW & MAINTENANCE
- BRIDGE CONSTRUCTION/REPAIR
- WATER/WASTEWATER
STRUCTURES
- OFFSHORE COATINGS
- CHEMICAL PLANTS
- NEW STEEL
- RAILCAR RESTORATION

SURE/CUT EDGE™ HIGHLIGHTS

Full Chemical Composition

- Silica, Fused: 50-55%
- Magnesium Oxide: 30-35%
- Iron Oxide: 10-15%
- Aluminum Oxide: 1-4%
- Chromium (III) Oxide: <2%
- Calcium Oxide: <1.0%
- Manganese Oxide: <1.0%

Other Elements – Trace if Present

No Leachable Metals/TCLP

Less than 0.1% free silica

Low dust generation

No embedment

Certified SSPC AB-1

Environmentally friendly

Low heavy metals

Product Availability:

Medium, Fine, Extra-Fine

Product Packaging:

50 lbs bags, 3000 lbs bulk bags, bulk

Production: Houston, TX

Profiles (mil)

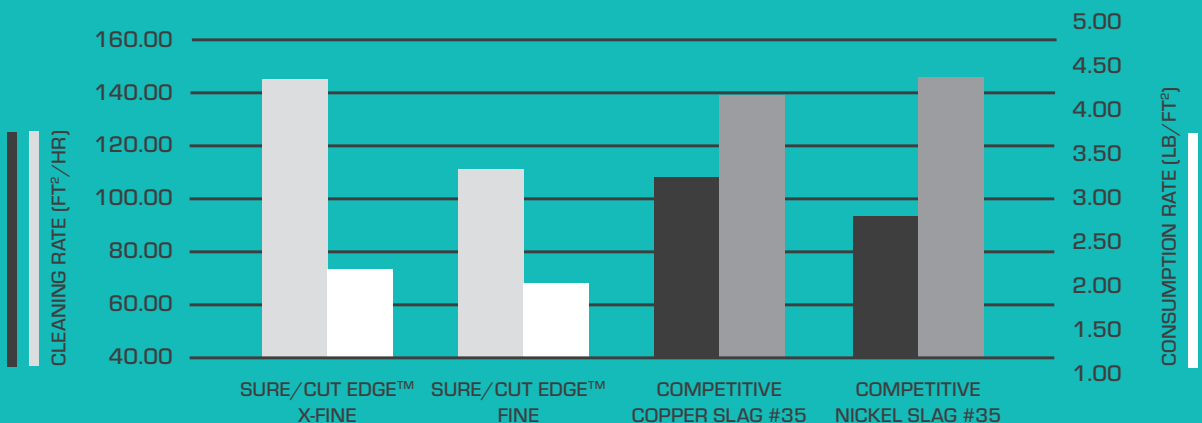
- Medium: 4.5 – 5.5
- Fine: 3.5 – 4.5
- Extra-Fine: 2.0 – 3.25

Physical Properties

- Color: Green, Grey
- Shape: Angular/Sub-Angular
- Hardness: 7 Moh's
- Bulk Density: 90-100 lbs/ft³

SDS/chemical composition available upon request

SURE/CUT EDGE™ PERFORMANCE TESTING



PRODUCT GRADE	CLEANING RATE AVG (FT²/HR)	CONSUMPTION RATE (LBS/FT²)
SURE/CUT EDGE™ X-FINE	146.43	2.39
SURE/CUT EDGE™ FINE	115.50	2.34
COMPETITIVE COPPER SLAG #35	114.01	4.24
COMPETITIVE NICKEL SLAG #4	91.90	4.40

SURE/CUT: CUTTING... PERFORMANCE
TRY OUR NEW MATERIAL AND SEE FOR YOURSELF!

Harsco Environmental

1-888-733-3646 | reedcs@harsco.com

A high quality abrasive from a company you can trust.

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