



# Carborundum (Silicon Carbide)

## PRODUCT DESCRIPTION

Carborundum, or silicon carbide, serves as an abrasive material with diverse applications. It can be embedded into the channels of terrazzo stair treads to enhance traction and provide visual cues. This integration involves combining TERRAZZCO EZPour Clear Epoxy 158C and carborundum compound.

## APPLICATION

Carborundum is used in multiple application, including its use in terrazzo stair treads. Channels are cut into the nosing of the stairs, into which carborundum is then applied. These channels may differ in the number of lines and thickness, offering flexibility in design and function.

# TECHNICAL DATA

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

- High Hardness
- Chemical Inertness
- High Thermal Conductivity
- Abrasion Resistance
- Low Coefficient of Thermal Expansion
- Thermal Shock Resistance
- Strength at High Temperature Ranges

## TYPICAL ANALYSIS

GRIT No.	CHEMICAL ANALYSIS					BULK DENSITY: LPD=LOOSE PACK DENSITY	
	MIN. % SIC	MAX. % C	MAX. % SiO <sup>2</sup>	MAX. % Si	MAX % MI	MIN.	MAX.
F 36	99,30	0,40	0,40	0,20	0,0200	1,47	1,57

**COLORS:** Black

**PACKAGING** TERRAZZCO® Carborundum is packaged by the pound in pails.

## MIX RATIO

Carborundum Strip Mixing Instructions:

1 lb Carborundum Compound and 3 Cups TERRAZZCO 158C Clear Epoxy Part A + 1 Cup Part B (1 Quart Epoxy A +B)

Coverage:

60lf @ 3/8" Width x 1/4"Depth

45lf @ 1/2" Width x 1/4"Depth

22.5lf @ 1"Width x 1/4"Depth

## SAFETY

Refer to the SDS prior to use. Federal, state, and local guidelines must be followed during the handling and installation of these materials. Any excess material shall be disposed of according to applicable federal, state, and local codes.

## TECHNICAL SERVICE

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