

MINERALS  
RESEARCH, INC.



**SHARPSHOT**

**12x30**



### Blasting Abrasive

Sharpshot® 30x60  
is Ideal for lightly  
Corroded Coatings  
and New Steel



### Artificial Turf Infill

Sharpshot® 30x60  
Provides Ballast  
and keeps Grass  
Blades Erect



### Road Projects

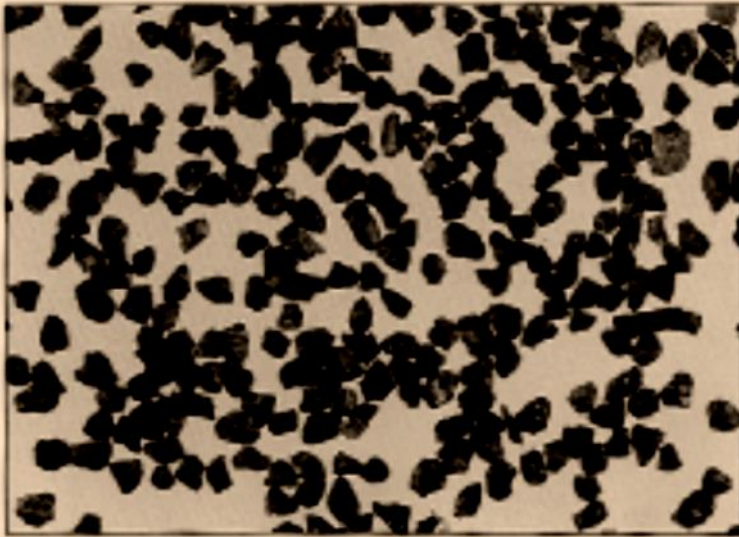
Sharpshot® 30x60  
a more Durable  
Non-Skid Product  
due to its Hardness

Distributed By  
BREWER COTE OF ARIZONA INC® THE PAVEMENT MAINTENANCE SPECIALISTS  
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# SHARPSHOT® TECHNICAL DATA

## Physical Properties

Mohs Hardness: >7  
 Specific Gravity: 3.4 to 3.6  
 Color: Dull Black  
 Shape: Uniform and Angular  
 Bulk Density: 100 to 120 lbs/cu.ft



## Typical Chemical Analysis

Fe<sub>2</sub>O<sub>3</sub> 45.4%  
 SiO<sub>2</sub> 39.4%  
 Al<sub>2</sub>O<sub>3</sub> 7.3%  
 CaO 6.6%  
 MnO 0.1%  
 MgO 1.7%  
 Na<sub>2</sub>O 0.2%  
 K<sub>2</sub>O 0.3%  
 T<sub>1</sub>O<sub>2</sub> 0.2%  
 P<sub>2</sub>O<sub>5</sub> 0.1%  
 S 1.0%  
 Crystalline Silica <0.5%

## Aggregate Properties

Fractured Faces 100%  
 LA Wear % 4% Loss  
 Sand Equivalent 91%  
 Uncompacted Voids 45.6%

### 12x30

### 20x50

### 30x60

### 40x120

U.S. STD. Sieve	Range % Retained	U.S. STD. Sieve	Range % Retained	U.S. STD. Sieve	Range % Retained	U.S. STD. Sieve	Range % Retained
8	0			20	0-10	40	0-15
12	4-20	20	40-80	30	10-50	50	20-50
16	30-60	30	10-40	40	20-60	60	5-30
20	10-40	40	5-20	50	5-25	70	5-30
30	5-20	50	0-15	60	0-20	80	0-20
40	0-9	60	0-10	70	0-10	120	0-20
		70	0-5	80	0-5		

## Performance Data - Typical profile in Mils

<b>12x30</b>	4.0 – 5.0 mils	90-100 psi	18" to 24" to Surface	45° to 90° Angle
<b>20x50</b>	3.0 - 4.0 mils	90-100 psi	18" to 24" to Surface	45° to 90° Angle
<b>30x60</b>	2.0 - 3.0 mils	90-100 psi	18" to 24" to Surface	45° to 90° Angle
<b>40x120</b>	1.5 - 2.5 mils	90-100 psi	18" to 24" to Surface	45° to 90° Angle