






Universal Minerals Kentucky, Inc. (UMKI)  
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## SHARPSHOT® XL TECHNICAL DATA SHEET

(Premium Iron Silicate Abrasives)

		
<b>COARSE 12/30</b>	<b>MEDIUM 20/50</b>	<b>FINE 40/100</b>
The Sharpshot® XL Coarse is a heavy duty size for the removal of layers of old paint and rust from ships, bridges, tanks, etc. This coarse sizing typically - with properly working equipment - produces a 4.5-5.5 mil profile	The Sharpshot® XL medium size is for general purpose blasting jobs. This medium sizing typically - with properly working equipment - produces a 3.5-4.0 mil profile. This is also the preferred size for underwater water jet cutting applications.	The Sharpshot® XL fine grade abrasive is for use on carpet, plastic and wood. Also often used for antique restoration for automobile surface preparation, this fine sizing, typically - with properly working equipment - produces a profile of less than 1.5 mils.

TYPICAL SIZING				ADVANTAGE: SHARPSHOT® XL
US Std. Sieve #	% Retained			
	COARSE (12x30)	MEDIUM (20x50)	FINE (40x100)	
8	0-1	0		<ul style="list-style-type: none"> <li>• Use on new and coated steel</li> <li>• Environmentally friendly</li> <li>• Recyclable</li> <li>• Low free silica (&lt;0.1%)</li> <li>• Extremely low dusting</li> <li>• Faster surface blasting</li> <li>• Low material consumption rate</li> <li>• Low cost per sq. ft.</li> <li>• Sharpshot XL qualifies as a Type II, Class A abrasive when tested in accordance with section 4.1 of SSPC Abrasive Standard No. 1 (SSPC-AB-1)</li> </ul>
12	0-15			
16	25-45			
20	25-45	5-25	0	
30	10-30	35-65		
-30	0-10			
40		10-30	0-15	
50		5-20	10-35	
60		0-15	15-40	
70		0-10	5-25	
-70		0-5		
80			5-20	
100			5-25	
120			0-15	
-120			0-10	

PHYSICAL PROPERTIES		COMPONENTS	% Weight
Hardness	>6	Iron Oxide	50-60
Specific Gravity	3.4-3.6	Amorphous Silica (silicates)	30-35
Color	Shiny Black	Free Silica (crystalline)	<0.1
Shape	Granular	Calcium oxide	1-3
Bulk Density	120-130lbs / ft <sup>3</sup>	Magnesium oxide	1-2
		Potassium Oxide	1-2
		Alpha-Alumina	3-5

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