

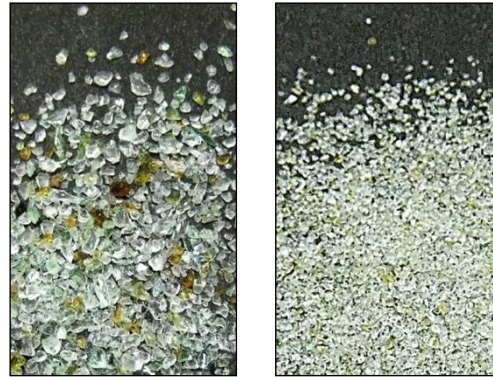
# GLASS ABRASIVE



June, 2019 Page 1 of 4

## PRODUCT

Glass Abrasives are a clean, high quality, close graded, processed, crushed, recycled glass abrasive available in five grades. Typical sieve analyses of these products are given in the following tables and gradation charts. Custom blends are available upon request.



## USES AND ADVANTAGES

Glass Abrasives are suitable for a wide range of uses requiring high quality, close graded abrasives. Glass Abrasive is less than 1% free silica which is a significant factor in situations where the use of silica sandblasting abrasives is not acceptable for environmental or safety reasons. Glass Abrasive has less embedments than slag and leaves a brighter surface after cleaning. Glass Abrasive has excellent cutting power on most coatings and rusted surfaces. Glass Abrasive is exceptional for sandblasting aluminum, steel, concrete and wood. Glass Abrasive bulk density is considerably lighter than slags and silica sands, therefore, with Glass Abrasive, there is more volume per pound. Glass Abrasive delays rustback because of the alkalinity of the crushed glass.

PRODUCTS	APPLICATION
<b>QB 10-30</b>	Coarse abrasive blasting on heavy rust, barnacles and thick coatings. Excellent for concrete, structural steel, tanks, and barges, etc. Used as a blending stock for recycling blast operations. Mil profile 3.0 to 4.0.
<b>QB 12-50</b>	General abrasive blasting for rust and paint removal jobs, blasting concrete for aggregate exposure, shipyard work, structural steel and tank cleaning. Mil profile 2.5 – 3.0.
<b>QB 30-60</b>	This blend improves scouring speed over QB 12-50 for most de-painting and rust removal work on shipyard, structural steel, tanks and pipeline projects. Mil profile 2.3 to 2.8.
<b>QB 50-100</b>	Lighter duty fine blasting on substrates requiring minimal etching or profile such as aluminum or fiberglass. Excellent for cleaning welds and bolt heads spot cleaning, and restoration work. Still aggressive enough to deliver a 1.5+ mil profile with 90-95 psi.
<b>QB 100-200</b>	Extra fine cleaning, brightening, fine honing and deburring.

**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.targetproducts.com/product-warranty](http://www.targetproducts.com/product-warranty)  
Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.  
® Quikrete Canada Holdings, Limited. Manufactured by Target Products Ltd. ©2019Quikrete International, Inc.

T  
A  
R  
G  
E  
T  
  
P  
R  
O  
D  
U  
C  
T  
S  
  
L  
T  
D



# GLASS ABRASIVE



June, 2019 Page 2 of 4

## PHYSICAL PROPERTIES

Colour	Mixed Green/White/Amber
Grain Shape	Angular
Bulk Density	78 – 82 lb/ft <sup>3</sup> (1250 – 1315 kg/m <sup>3</sup> )
Hardness, Moh	6
Specific Gravity	2.5 – 2.54
Moisture Content	<0.1% weight

## SAFETY

Glass Abrasives do not contain any ingredients that require classification under WHMIS regulations. Because of the hazardous nature of abrasive blast cleaning operations and the toxicity of the dusts that can be created when removing certain coatings, all appropriate safety precautions must be followed when using Glass Abrasive or any other abrasive. Consult your local Industrial Health & Safety Regulations, NIOSH or other requirements for guidance on the required safety procedures and equipment.

## PACKAGING

Glass Abrasive is available in 22.7 kg (50 lb) paper bags, and in bulk bags of approximately 1,600-1,625 kg (3,520-3,580 lb) Deliveries by pneumatic tank trucks are also available.

## TYPICAL CHEMICAL ANALYSIS

Chemical	Typical Value
Silicon Dioxide (SiO <sub>2</sub> ) % wt	69.4
Sodium Oxide (Na <sub>2</sub> O) % wt	12.4
Calcium Oxide (CaO) % wt	10.3
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ) % wt	2.15
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) % wt.	<1
Calcium (C) % wt.	<1
Potassium Oxide (K <sub>2</sub> O) % wt	<1
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> ) % wt.	<1
Sulfur Trioxide (SO <sub>3</sub> ) % wt.	<1
Manganese Oxide (MnO) % wt	<1
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) % wt	<1
Magnesium Oxide (MgO) % wt	<1
Titanium Dioxide (TiO <sub>2</sub> ) % wt	<1

T  
A  
R  
G  
E  
T  
  
P  
R  
O  
D  
U  
C  
T  
S  
  
L  
T  
D



**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.targetproducts.com/product-warranty](http://www.targetproducts.com/product-warranty)  
Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.  
© Quikrete Canada Holdings, Limited. Manufactured by Target Products Ltd. ©2019Quikrete International, Inc.

# GLASS ABRASIVE



June, 2019 Page 3 of 4

**T  
A  
R  
G  
E  
T  
  
P  
R  
O  
D  
U  
C  
T  
S  
  
L  
T  
D**

## TYPICAL SPECIFICATIONS – (ASTM – D-451-75): % Product Passing ASTM E11 Sieves

Sieve Size		10-30	12-50	30-60	50-100	100-200
US #	mm					
12	1.70	98.2%				
20	0.850	27.3%	38.4%	99.9%		
30	0.600	8.2%	16.9%	99.7%		
40	0.425	1.6%	10.1%	63.6%	99.8%	
50	0.300	0.4%	4.7%	15.9%	98.0%	99.9%
70	0.212	0.2%	1.4%	3.6%	63.2%	99.1%
100	0.150	0.1%	0.3%	0.2%	19.7%	98.1%
Minus 100		0.0%	0.0%	0.0%	0.1%	0.1%
TOTALS		100%	100%	100%	100%	100%

## TYPICAL SPECIFICATIONS – (ASTM – D-451-75): % Product Retained ASTM E11 Sieves

Sieve Size		10-30	12-50	30-60	50-100	100-200
US #	mm					
12	1.70	1.8%				
20	0.850	70.9%	61.6%	0.1%		
30	0.600	19.1%	21.5%	0.2%		
40	0.425	6.6%	6.8%	36.1%	0.2%	
50	0.300	1.2%	5.4%	47.7%	1.8%	
70	0.212	0.2%	3.3%	12.3%	34.8%	0.8%
100	0.150	0.1%	1.1%	3.4%	43.5%	1.0%
Minus 100		0.1%	0.3%	0.3%	19.6%	98.0%
TOTALS		100%	100%	100%	100%	100%



**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.targetproducts.com/product-warranty](http://www.targetproducts.com/product-warranty)  
 Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.  
 © Quikrete Canada Holdings, Limited. Manufactured by Target Products Ltd. ©2019Quikrete International, Inc.

# GLASS ABRASIVE



June, 2019 Page 4 of 4

## WASTE DISPOSAL

Before use, QuikBlast Glass Abrasive is not classified as a hazardous waste. During use however, the product can become contaminated with paints or other materials that would require classification of the waste material as a hazardous or special waste. It is the responsibility of the user to undertake any necessary evaluation, classification and disposal of the material after use. Consult local authorities for information on the disposal requirements and procedures applicable to spent abrasive in your area.

T  
A  
R  
G  
E  
T  
  
P  
R  
O  
D  
U  
C  
T  
S  
  
L  
T  
D



**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.targetproducts.com/product-warranty](http://www.targetproducts.com/product-warranty)  
Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.  
® Quikrete Canada Holdings, Limited. Manufactured by Target Products Ltd. ©2019Quikrete International, Inc.