

Saint-Gobain



### BEST IN CLASS PERFORMANCE

Our NEW Spartan™ Blasting Media is a lighter and stronger product providing **increased productivity and reduced consumption** compared to other leading blasting media. Heavier is not always better, as evidenced by Spartan's performance metrics - 3-5x less breakdown loss than Garnet blasting media. Additionally, Spartan's uniform particle size improves production rates with more consistent coverage and extremely clean surface finishing.

#### Increased Recyclability

Recycling of blasting media allows for **increased cost saving** and considerable **reduction in waste**. Spartan has 3-5x the recyclability of other leading blasting media which significantly reduces overall cost and increases productivity.

#### Minimal Health and Safety Risks

Spartan Blasting Media is **low dusting** and contains **0% Free Silica**. This ensures safer work conditions, improved operator visibility, reduced cleanup costs and minimal environmental risks.

Spartan Blasting Media comes in a variety of grit sizes to serve any industrial application.



LOW DUSTING

0%

FREE SILICA

- SAFER WORK CONDITIONS
- IMPROVED OPERATOR VISIBILITY
- REDUCED CLEANUP COSTS
- LESS DISRUPTIONS



COST SAVINGS

3-5x

LESS BREAKDOWN LOSS THAN GARNET

- INCREASED RECYCLABILITY
- USE LESS MATERIAL PER PROJECT
- OUTLAST THE COMPETITION



BETTER PERFORMANCE

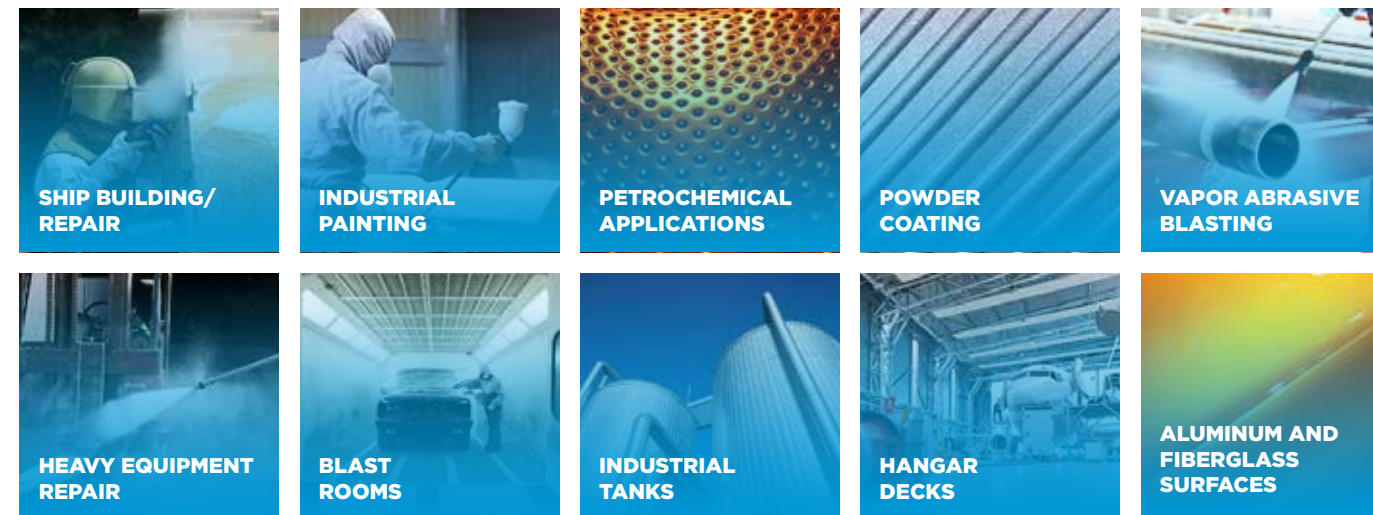
3.2

SPECIFIC GRAVITY FOR A GIVEN VOLUME

- MORE PRODUCT, BETTER PERFORMANCE
- SPARTAN 3.2, STAUROLITE 3.7, GARNET 4.0
- LIGHTER, STRONGER GRAINS

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### SPARTAN™ BLASTING MEDIA BEST IN CLASS PERFORMANCE



**SAINT-GOBAIN**

**Specialty Grains and Powders**

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#### Disclaimer

Seller makes no warranty, expressed or implied, concerning the product or the merchantability or fitness thereof for any purpose, except that the product conforms to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall seller be liable for incidental or consequential damages, whether buyer's claim is based on contract, breach of warranty, negligence or otherwise.

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# Saint-Gobain Spartan™ BLASTING MEDIA

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## APPLICATIONS

Ship building/repair, industrial painting, petrochemical, powder coating, vapor abrasive blasting, heavy equipment repair, blast rooms, tanks, hangar decks, aluminum & fiberglass surfaces



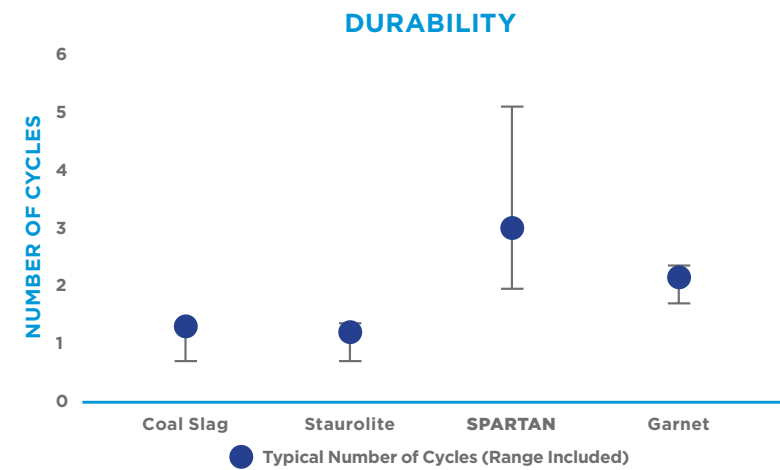
## PROPERTIES

- Shape:** Sub-angular
- Color:** Dark Brown to Black
- Hardness:** 7.0 Mohs
- Bulk Density:** 1.55g/cm<sup>3</sup> (96.76lb/ft<sup>3</sup>)
- Specific Gravity:** 3.2 g/cm<sup>3</sup>
- Free Silica:** 0%

### AVAILABLE SIZES

**Spherical:** 20/40, 30/50, 40/80

**Angular:** 30/60, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80



## PRODUCT SPECIFICATIONS

### SPHERICAL

#### Particle Size Distribution

Screen Size (Tyler/US)	Opening Size (Micron/Inch)	Percent by Weight		
		Spar-20/40	Spar-30/50	Spar-40/80
20/20	850/.0331	6.2		
24/25	710/.0278	51		
28/30	600/.0234	41	2	
32/35	500/.0197	1.6	55	
35/40	425/.0165	0.2	39	5
42/45	355/.0139		3.5	36
48/50	300/.0117		0.5	30
60/60	250/.0098			21
65/70	212/.0083			7
80/80	180/.0070			1

\* Particle size distributions are typical, variations exist.

### ANGULAR

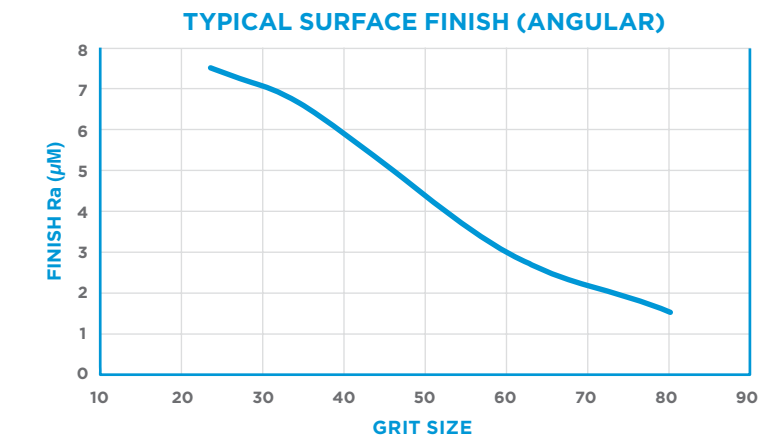
#### Particle Size Distribution

Grit No.	US Std.	Inches			Microns		
		Min	Average	Max	Min	Average	Max
Spar-16	14	0.031	0.043	0.065	787	1092	1650
Spar-20	16	0.026	0.037	0.053	660	940	1346
Spar-24	20	0.018	0.027	0.043	487	686	1092
Spar-30	25	0.014	0.022	0.032	356	559	813
Spar-36	30	0.012	0.019	0.030	305	483	762
Spar-46	40	0.0095	0.014	0.022	241	356	559
Spar-54	45	0.0008	0.012	0.0195	203	305	495
Spar-60	50	0.0065	0.010	0.016	165	254	406
Spar-70	60	0.005	0.008	0.013	127	203	330
Spar-80	70	0.004	0.0065	0.0115	102	165	292

\* Particle size distributions are typical, variations exist.



## TYPICAL PROFILES



Testing conducted using 90 psi and 1018 carbon steel. Angular media only.

## PACKAGING

Products are available in **35 lb. boxes** and **2,200 lb. bulk bags**.



## PART NUMBERS

### SPHERICAL

#### Part Numbers

Product	Part Number
Spar-20/40	1710-204
Spar-30/50	1710-305
Spar-40/80	1710-408

### ANGULAR

#### Part Numbers

Product	Part Number
Spar-30/60	1760-306
Spar-16	1760-016
Spar-20	1760-020
Spar-24	1760-024
Spar-30	1760-030
Spar-36	1760-036
Spar-46	1760-046
Spar-54	1760-054
Spar-60	1760-060
Spar-70	1760-070
Spar-80	1760-080

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