



GRITTAL® CONSUMPTION and COST COMPARISONS

CONVENTIONAL GRIT BLAST MEDIA TYPES	CONSUMPTION RATIO Conventional Grits vs. Grittal®	PRICE RATIO Conventional Grits vs. Grittal®	GRITTAL COST SAVINGS (approx.)
Brown Aluminum Oxide	30 to 1	1 to 10	65%
White Aluminum Oxide	45 to 1	1 to 5	90%
Garnet	60 to 1	1 to 30	55%
Starblast® / Staurolite®	50 to 1	1 to 15	70%
Green Lightning® (Olivine)	80 to 1	1 to 40	50%
Glass Beads*	60 to 1*	1 to 10	70%

* approx. 20% Grittal® and 80% Chronital®

GRITTAL® ADVANTAGES

Blast Media Cost Savings:

- 50-85% savings due to less consumption

Stable Blasting Operation:

- slow abrasive breakdown
- consistent surface finish or roughness profile
- work mix easy to maintain

Virtually Dust Free:

- lower disposal cost
(very important if contaminated)
- improved workplace environment
- vastly improved visibility in blast room
- shorter blast times and less rework
- less dust = less wear and tear

Additional Cost Savings:

- at least 50% savings related to lower nozzle, hose and filter consumption
- reduced downtime/cost related to maintenance of blast system wear components
- lower dust disposal cost

Non-Ferrous Media and Corrosion Resistant in Use:

- bright surface finish
- suitable for use in slurry blast systems

Suitable For Use in Centrifugal Wheel Machines:

- lowest per unit blasting cost and high performance

Potential for Dust Recycling:

- recover a small amount of the media cost

NOTE: See reverse for Grittal® Applications Chart

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Abrasive Technology

GRITITAL® APPLICATIONS

APPLICATION	TYPICAL GRITITAL® SIZE(S)	MEDIA BEING REPLACED
surface preparation prior to powder, Teflon, porcelain, ceramic coating, painting, metalizing, rubber, polyurethane or metallic bonding, etc	G 20 - G 50	
removal of heat treatment scale or release agents on forgings, castings, etc.	G 20 - G 60	
ceramic removal and final finish for investment castings	G 30 - G 40	aluminum oxide starblast garnet
“brush” blasting on galvanized steel	G 20 - G 40	similar mineral grit medias
cleaning of contaminated components to decrease waste disposal	G 30 - G 50	
surface preparation in a wet environment, i.e. ship building	G 40 - G 50	mild steel grit
engraving of granite and surface texturizing of granite and pre-stressed concrete	G 20 - G 40	aluminum oxide, stoneblast, alumina zirconia
removal of weldment bluing and surface finishing on stainless steel fabrications (blended with Chronital®)	approx. 80% S 10 and 20% G 10	glass beads

NOTE: See reverse for Gritital® Advantages, Consumption and Cost Comparisons

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