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ARS Recycling Systems, LLC

Marine Analysis: Your Return on Investment



Benefits of Steel Grit Blasting

Ability to recycle/reuse the material

The amount of waste generated significantly reduces disposal costs up to 99%

Steel grit cuts faster and increases productivity 15-20%

Reduces operating costs by lowering set-up times and over-all equipment footprint on the job site

Steel Grit produces better quality with a cleaner surface finish, compared to mineral abrasives

Less abrasive fracturing produces less dust, thereby improving containment visibility resulting in increased blast production and a safer environment

Significantly reduces the impact to the Environment

Overall lower costs of Operation

Inputs of Actual Ship Repair Project	Steel Grit	Unit of Measurement	Single Use Abrasive
Abrasive Type	Steel Grit	Name	Single Use Abrasive
Number of reuses	75	Qty.	1
Estimated Job Blast Area	1,000,000	Sq. Ft.	1,000,000
Estimated Waste Generation Rate	0.266	Lb./Sq. Ft.	0.266
Recycle Rate – % of Abrasive returned after cleaning	0.95	%	0
Cost of Abrasive – delivered	650	\$/ton	100
Waste Disposal Cost	250	\$/ton	250
Amount of Abrasive Blasted per Ft. Sq.	70	Lbs./Sq. Ft.	50
Blast Productivity Increase Factor	0.15	%	0
Average Hourly Wage Rate (\$)	30	\$/Hr.	30



World's leading manufacturer of abrasive blasting and recycling systems, dust collection systems and rapid deployment vehicles.



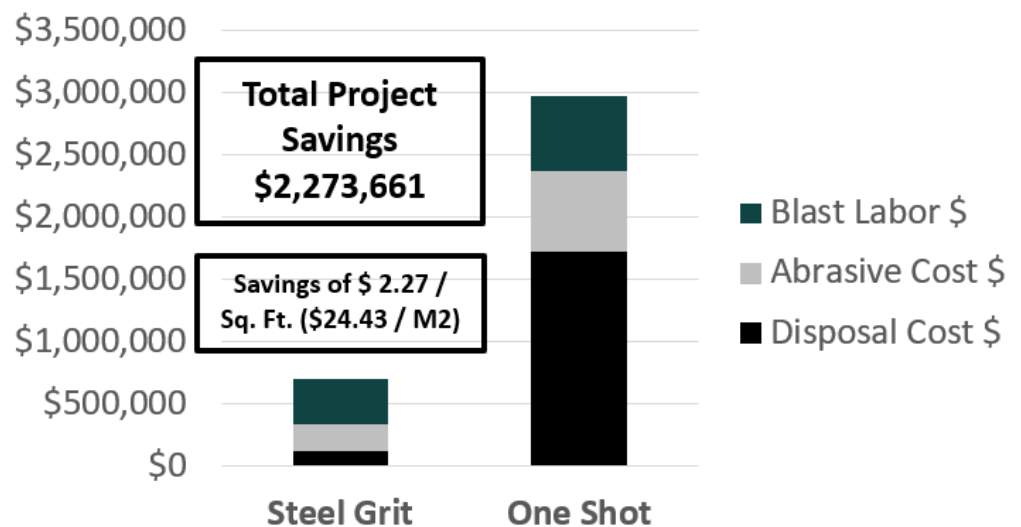
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Results of Actual Ship Repair Scenario	Steel Grit	Single Use Abrasive
Total Job Abrasive Cost	\$211,250	\$650,000
Total Cost to Dispose	\$119,054	\$1,718,250
Total Blast Labor	\$364,286	\$600,000
Total Costs	\$694,589	\$2,968,250

Cost of Project



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