



# STAINIUM

## Premium product for descaling operations in wheel-blasting

STAINIUM® is specially developed for descaling applications when little roughness is required at the end of the process. Specially available in fine grades, STAINIUM® provides a more stable operating mix.



High Efficiency



Unique blend shot-grit



Premium



REF XXXXXXXX



cleaning



## USERS BENEFITS

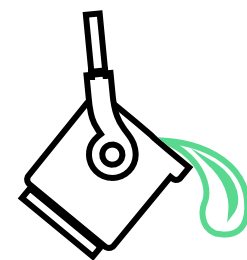
### Efficiency

Best solution for descaling operations  
Increasing your productivity by 10%  
Improved surface appearance  
Lower and better-controlled roughness  
Better surface appearance after cold rolling

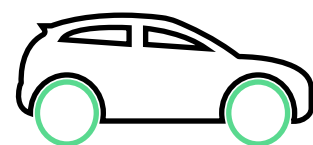
### Performance

Reduce the unit cost of your blasting process by 15%  
Reducing your abrasive consumption by 12% on average  
Decreasing your reblasting rejects by 15%  
Reducing your acid pickling process cost

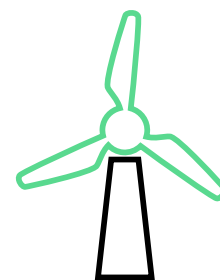
## MARKETS AND APPLICATIONS



Special mix of shot & soft grit for Descaling of steel and stainless steel sheets



Coils & Sping



Surface preparation in Wheelblast machines of steel structures (SM140 & larger)

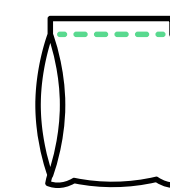
Conditioned Stainium provides low roughness on stainless steel sheets or wire prior to acid pickling.

## SPECIFICATIONS

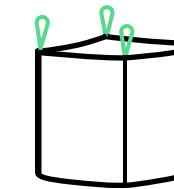
Product name	SM 050	SM 040	SM 150	SM 140	SM 130	SM 318
Nominal size (Sieve #)	0,30 mm (#50)	0,42 mm (#40)	0,18 mm (#80)	0,35 mm (#40)	0,50 mm (#35)	0,85 mm (#20)
Hardness	46 - 52 HRc					
Density	7.3 mini					
Chemical composition	C≥0.80%, Si≥0.4%, 0.6%≤Mn≤1.2%, S≤0.05%, P≤0.05%					
General shape	Conditioned* STAINIUM®		Mixed of shot and grit			

\* CONDITIONED STAINIUM® is a new type of conditioned grit free from any sharp edge, with narrow original size grading.

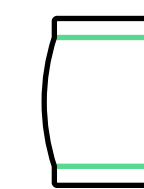
## Packaging



**BAGS**  
25 kg (55 lbs)  
1,000 kg (2,205 lbs)  
per pallet (= 40 bags)



**BIG BAG**  
1,000 kg  
(2,205 lbs)



**DRUM**  
907 kg  
(2,000 lbs)

For more details:  
<https://www.wabrasives.com/en/premium-series/Stainium-descaling-surface-cleaning-operation.html>



Click or Scan

Testimonies

