



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



USERS BENEFITS

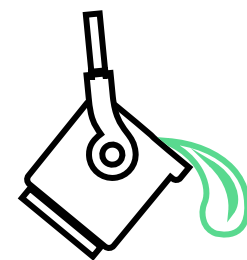
Efficiency

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

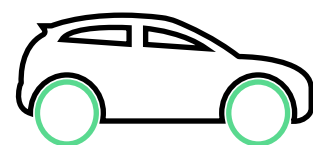
Performance

- 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

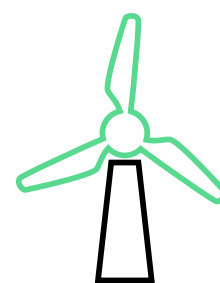
MARKETS AND APPLICATIONS



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)

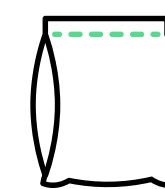
Conditioned Stainium provides low roughness on stainless steel sheets or wire prior to acid pickling.

SPECIFICATIONS

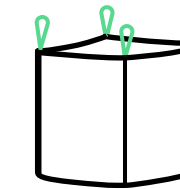
Product name	SM 050	SM 040	SM 150	SM 140	SM 130	SM 318
Nominal size (Sieve #)	0,30 mm (#50)	0,42 mm (#40)	0,18 mm (#80)	0,35 mm (#40)	0,50 mm (#35)	0,85 mm (#20)
Hardness	46 - 52 HRc					
Density	7.3 mini					
Chemical composition	C≥0.80%, Si≥0.4%, 0.6%≤Mn≤1.2%, S≤0.05%, P≤0.05%					
General shape	Conditioned*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

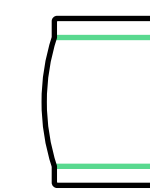
Packaging



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>

