

STELUX<sup>®</sup>  
SPECIAL SERIES



# STELUX CN<sup>®</sup>

A real stainless steel abrasive media mainly dedicated to cleaning, deburring and surface finishing of non-ferrous metal parts



The specific characteristics of the STELUX CN, such as austenitic microstructure, non-ferrous contamination, work hardening during blasting operations, transform it into the most suitable stainless steel abrasive media for mechanical treatment of non – ferrous metals and stainless steel parts, within respect of the most stringent specifications and standards, such as NADCA and ASTM A 380M.

## STELUX CN TECHNICAL DATA SHEET

CHEMICAL COMPOSITION (WEIGHT %)	C ~ 0.15%, Cr ~ 18%, Ni ~ 8%, Si ~ 3.5%, Mn ~ 1.5%	
AISI AND EN 10088- 1 EQUIVALENT GRADES	Type 301 and X10CrNi18 - 8	
AVERAGE HARDNESS (HRC)	New product: 30 ± 3	Operating Mix: 48 ± 3
SPECIFIC GRAVITY	7.6	
SHAPE	Round	
MICROSTRUCTURE	Austenitic	
PACKAGING	25 kg (55lbs) LDPE bag on 500 kg (1102 lbs) EUR – pallet Customized packing upon request	

A range of products dedicated for both wheel-blasting and air-blasting surface treatment operations

### Applications

- Aluminium casting alloys and parts:  
*Silumin (Aluminium – Silicon alloys)*
- Zinc pressure die – castings:  
*ZAMAC alloys*
- Non-ferrous metals castings and parts:  
*Copper, Brass, Bronze, Copper – Nickel alloys*
- Stainless steel castings, forgings and welded parts:  
*200 & 300 series*
- Surface preparation prior powder coatings application

### Benefits

- Non – ferrous contamination
- Customized surface finishing: satin or bright finish
- Stable operating mix
- No additional chemical treatment
- 100% recyclable

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W Abrasives  
your key success factor



STELUX CN - CUMULATIVE SIZE DISTRIBUTION (%)										
Mesh #	Sieve size mm	STELUX CN 200	STELUX CN 150	STELUX CN 100	STELUX CN 60	STELUX CN 50	STELUX CN 40	STELUX CN 30	STELUX CN 20	STELUX CN 10
8	2.36	AP								
10	2.00	Max 5	AP							
12	1.70		Max 5	AP						
14	1.40			Max 5	AP					
16	1.18	Min 95			Max 5	AP				
18	1.00		Min 90			Max 5	AP			
20	0.85			Min 90			Max 5			
25	0.71									
30	0.60							AP		
35	0.50				Min 95			Max 5		
40	0.425					Min 95			AP	
45	0.355								Max 5	
50	0.300						Min 95			AP
80	0.180									Max 5
120	0.125							Min 90		
200	0.075								Min 85	

## W ABRASIVES ADDED – VALUE SOLUTIONS

W Abrasives provides customized solutions for your application through specific products, technologies and services, which will enhance your global blasting process in terms of productivity, quality and overall cost.

### Productivity

- Customized training modules in our test centers & on customer's site
- Trials in our test centers located worldwide
- Technical support & consulting services
- Optimized blasting machine's settings
- Increased efficiency due to a stable operating mix



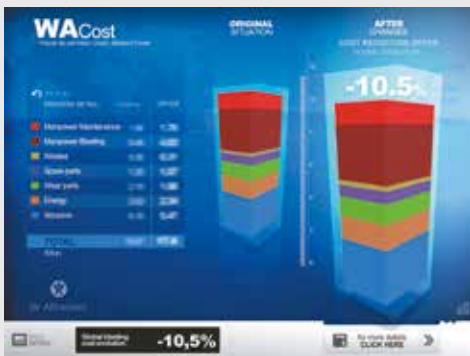
High added-value W Abrasives solutions customized for your blasting process

### Quality

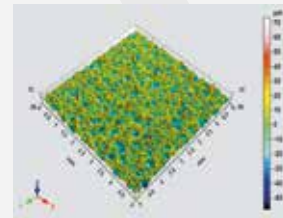
- High cleaning rates
- Cleaner parts
- Optimal surface finishing
- Higher quality consistency
- Objective and reliable quality monitoring



### WA COST Technology



Customized calculation software that will allow the W Abrasives experts to identify saving leads on your global blasting process costs.



Cleanlines assessment with WA CLEAN Technology and roughness evaluation with WA 3D Technology of an aluminium carter after blasting with STELUX CN

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