



STELUX<sup>®</sup>  
SPECIAL SERIES



## STELUX C<sup>®</sup>

A cost-effective stainless steel abrasive media dedicated to cleaning, deburring and surface finishing of non-ferrous metals and stainless steel parts



The excellent value for money makes the STELUX C the most used stainless steel abrasive media for blasting operations 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 C TECHNICAL DATA SHEET

CHEMICAL COMPOSITION (WEIGHT %)	C ~ 0.2%, Cr ~ 16%, Ni ~ 1.5%, Si ~ 3%, Mn ~ 1%	
AISI AND EN 10088- 1 EQUIVALENT GRADES	Type 431 and X17CrNi16 - 2	
AVERAGE HARDNESS (HRC)	New product: 36 ± 3	Operating Mix: 52 ± 3
SPECIFIC GRAVITY	7.6	
SHAPE	Round	
MICROSTRUCTURE	Ferro - Martensitic	
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:  
*400 series & Duplex (2202, 2205, 2207)*
- 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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STELUX C - CUMULATIVE SIZE DISTRIBUTION (%)										
Mesh #	Sieve size mm	STELUX C 200	STELUX C 150	STELUX C 100	STELUX C 60	STELUX C 50	STELUX C 40	STELUX C 30	STELUX C 20	STELUX C 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.

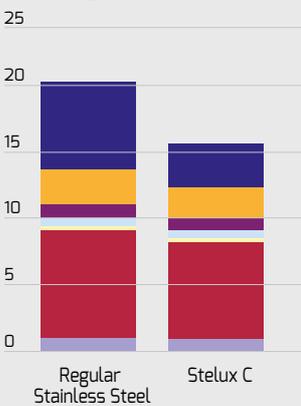
### Productivity

- 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

### Blasting cost in €/ MT



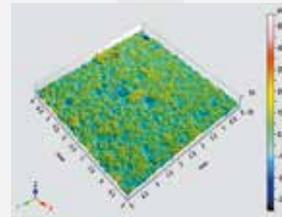
### Cost

- Best value for money stainless steel abrasive media
- Reduction of re – blasting via immediate identification of process deviation
- Overall blasting cost optimization



### Quality

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



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

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