

**PROFESSIONAL  
BLASTING  
MATERIALS**



**SCOREX**  
(CALCIUM SILICATE ABRASIVE)  
**Ahead in Blasting Abrasives**



## PROFESSIONAL BLASTING MATERIALS

# SCOREX

SCOREX is a high-performance abrasive made from granulated blast furnace slag (calcium silicate), formed during steel production in a blast furnace. Granulation of the molten slag in water produces a hard, angular abrasive with an attractive sandy appearance and a very low metal content. Consistent performance makes SCOREX suitable for surface preparation standards Sa 1, Sa 2, Sa 2½ and Sa 3, as well as for sweep blasting.

### SAFETY FIRST

SCOREX is a non-hazardous material containing less than 1% free crystalline silica with very low dust levels.

### THE MOST EFFICIENT WAY TO A PERFECT FINISH

Because of its optimised particle size distribution, SCOREX removes the existing coating whilst simultaneously creating a suitable surface profile with a nice silver finish.

### VERSATILE

SCOREX performs in a variety of applications. Particularly suitable for blast cleaning and treatment of natural stone, wood and concrete surfaces, as well as for stainless steel and aluminium. It delivers great results in the preparation of façades and monuments.

## PROFESSIONAL BLASTING MATERIALS

# SCOREX

## Calcium silicate abrasive

### Features & Benefits

Scorex® is a blast cleaning grit made of iron furnace slag, also called calcium silicate. Scorex® is designed for blast cleaning of steel and stone/concrete surfaces, removal of mill scale, rust, old paint, dirt etc. Suitable for SA-3, SA-2½ and SA-2, as well as SA-1, also called sweep blasting. Very suitable for the cleaning of stone and concrete (facade cleaning).

Scorex® is accurately processed and sized and fully complies with ISO standards 11126-6 and 11127. It contains less than 1% free crystalline silica.

### Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Shape	: sharp and angular
Color	: light brown
Hardness	: 6 - 7 Mohs
Specific density	: 2.3 - 3.0 kg/dm <sup>3</sup>
Loose bulk density	: 1.3 - 1.4 kg/dm <sup>3</sup>
Conductivity	: less than 250 µS/cm
Water-soluble chlorides	: less than 0.0025% (m/m)

SC250	: 0.1 - 0.4 mm	SCX	: 0.5 - 1.6 mm
SC06	: 0.2 - 0.6 mm	SC25	: 0.2 - 2.5 mm
SC08	: 0.2 - 1.0 mm	SCST	: 0.5 - 2.5 mm
SC15	: 0.2 - 1.5 mm		

### Chemical Analysis (XRF) %

Mean values. These do not represent a specification.

SiO <sub>2</sub>	: 35 - 40 %	in bound form, <1% free silica
CaO	: 32 - 38 %	
MgO	: 8 - 15 %	
Al <sub>2</sub> O <sub>3</sub>	: 8 - 15 %	
Fe <sub>2</sub> O <sub>3</sub>	: 0 - 3 %	
K <sub>2</sub> O	: 0 - 2 %	
Other	: traces only	

### Availability

- Scorex® is produced in EU.
- According to Standards ISO 11126-6 and 11127.

### Packing

- 3-ply paper bags of 25 kg, on shrinkfoiled pallets.
- Strong woven polypropylene big bags, with 4 lifting loops.

## PROFESSIONAL BLASTING MATERIALS

# ScorexPlus

## Calcium silicate abrasive

### Features & Benefits

ScorexPlus is a blast cleaning grit made of a blend of high quality iron furnace slag and recycled sodium silicate glass. ScorexPlus is designed for blast cleaning of steel and stone/concrete surfaces, removal of mill scale, rust, old paint, dirt etc. Suitable for SA-3, SA-2½ and SA-2, as well as SA-1, also called sweep blasting.

ScorexPlus is accurately processed and sized and fully complies with ISO standards 11126-6 and 11127. It contains less than 1% free crystalline silica.

### Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Shape	: sharp and angular
Color	: light-brown / green / beige / white
Hardness	: > 6 Mohs
Apparent density	: 2.4 - 2.6 kg/dm <sup>3</sup>
Loose bulk density	: 1.3 - 1.4 kg/dm <sup>3</sup>
Conductivity	: less than 25 µS/cm
Water-soluble chlorides	: less than 0.0025% (m/m)
Moisture	: <0.2%
Ph	: 10 - 11
Loss on ignition (L.O.I)	: 0.1 - 0.3%

Type SCP06	: 0.2 - 0.6 mm	Type SCPX	: 0.5 - 1.6 mm
Type SCP08	: 0.2 - 1.0 mm	Type SCP25	: 0.2 - 2.5 mm
Type SCP15	: 0.2 - 1.4 mm	Type SCPST	: 0.5 - 2.5 mm

### Chemical Analysis (XRF) %

Mean values. These do not represent a specification.

SiO <sub>2</sub>	: 50 - 58 %	in bound form, <1% free silica
CaO	: 20 - 26 %	
Al <sub>2</sub> O <sub>3</sub>	: 5 - 9 %	
MgO	: 4 - 8 %	
Na <sub>2</sub> O	: 5 - 8 %	
Fe <sub>2</sub> O <sub>3</sub>	: 0.4 - 0.6 %	
Other	: traces only	

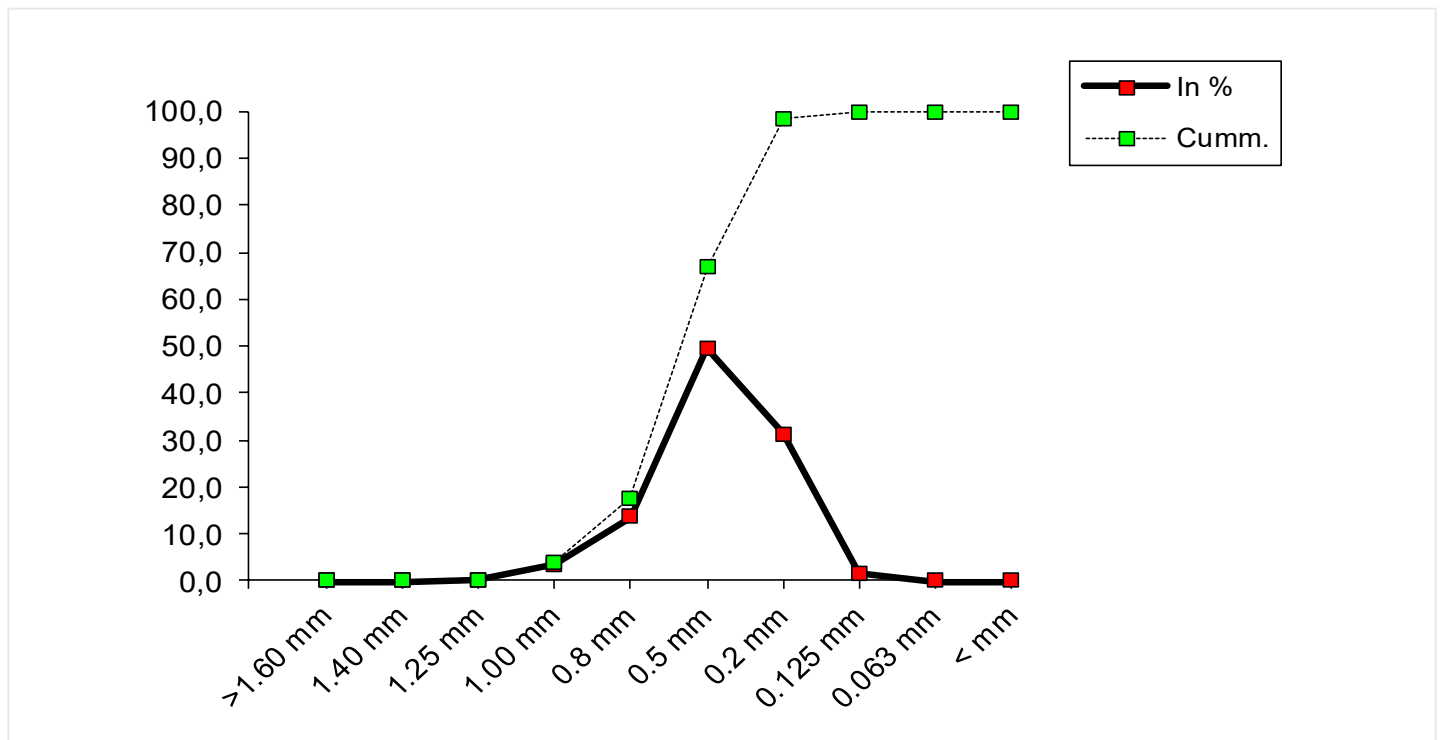
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## ScorexPlus Calcium silicate abrasive

### Typical sieve analysis

Mean values. These do not represent a specification.

SIEVE: FROM - TO	In %	Cumm.
>1.60 mm	0.0	0.0
1.40 mm	0.0	0.0
1.25 mm	0.3	0.3
1.00 mm	3.6	3.9
0.8 mm	13.7	17.6
0.5 mm	49.4	67.0
0.2 mm	31.3	98.3
0.125 mm	1.7	100.0
0.063 mm	0.0	100.0
< mm	0.0	100.0
<b>TOTAL</b>	<b>100.0</b>	-



### Availability

- ScorexPlus is produced in EU.
- According to Standards ISO 11126-6 and 11127.

### Packing

- 3-ply paper bags of 25 kg, on shrinkfoiled pallets.
- Strong woven polypropylene big bags, with 4 lifting loops.