

C.D.S. CONSULTANTS

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IRON SILICATE

Manufactured from the highest quality raw materials to bring you the best performance in open nozzle blasting.

HARD

Moh hardness of 7-8 which ensures fast easy removal of rust, milliscale and old paint coatings from steel to the highest standards of cleanliness (Sa3).

DURABLE

Low shatter index ensures efficient energy transfer to the work surface. CDS Iron Silicate is able to clean without excessive particle breakdown so reducing the quantity of dust generated during blasting.

FAST

Sharp cutting edges rapidly remove paint, corrosion and milliscale. CDS "SG" is capable of cleaning to Sa2.5 a rates of up to 10 - 12m²/h.

CLEAN

A unique fuming process removes lead and other heavy metals to very low levels. Water soluble chloride and other salts are well below the levels prescribed by ISO 11126.

LOW DUST

CDS Iron Silicate abrasives are air-washed to remove dust and fines, typical dust content of CDS SG is less than 1% below 212 microns. ISO standards permit up to 5% below 200 microns.

STANDARD GRADES

<u>Grade</u>	<u>Size Range</u>	<u>Profile*</u>	<u>Application</u>
1	0.1 - 0.4mm	Less than fine	Cleaning surfaces where no etch is required. Suitable for the restoration of classic cars and motor bikes.
2	0.2 - 0.85mm	Fine	To provide a fine profile for low build paints, selective removal of coatings and wet blasting. Also suitable for small nozzle work and hand guns.
3	0.2 - 1.70mm	Medium	Specially graded to rapidly clean steelwork to Sa2.5 and Sa3 with a medium profile to suit the majority of Industrial coatings. Suitable for ships hulls, tanks, storage vessels, bridges and steel fabrications.
4	0.5 - 2.0mm	Coarse	To provide coarser profile suitable for metal spray.
5	0.2 - 2.50mm	Coarse	Highly corroded steel.
6	0.5 - 2.50mm	Coarse	Removal of heavy scale. To provide very coarse profile for rubber lining etc..

* Surface profile achievable on mild steel as determined by comparator (ISO8503 -2: 1998 and BS7079: Part C2:1989)

