



EnviraSponge Premium Grade Media

EnviraSponge has been specially developed to provide a low-dust environment for surface preparation.

Base Material	Product ID	Bag Weight (kg)	Application	Profile ¹ (µm)
Chilled Iron	ESG17	18.0	Used for heavily pitted surfaces, and for removing elastomeric or extremely thick coatings. Cleans to Sa 2.5 or Sa 3 standard. Not recommended for use in any wet or damp environments.	100–125
Aluminium Oxide 14/24	ESA16	18.0	Removal of multi-layer coatings from steel or where a greater profile is required prior to the application of high-tech composite coatings.	80-100
Aluminium Oxide 30/40	ESA30	18.0	The first choice for many industrial applications. On steel it removes mill scale, rust and paint coatings and yields an Sa 2.5 or Sa 3 surface quality finish.	60-80
Aluminium Oxide 30/40	ESA30F	15.0	Fine Grade material used on special applications or in specialised equipment.	60-80
Garnet 30/60	ESGT30	18.0	Multipurpose media designed for limited reuse where recovery of spent media is difficult.	50-60
Aluminium Oxide 60/80	ESA60	13.5	Removal of 1 or 2 layer coatings on steel or fibreglass or weld cleaning prior to coating. Removes light coatings from steel and aluminium substrates, or can be used to profile previously painted surfaces. Cleans to Sa 2.5 or Sa 3 Standard. This grade can also be used to refurbish concrete, stone & masonry.	40-60
Aluminium Oxide 60/80	ESA60F	15.0	Fine Grade material used on special applications or in specialised equipment.	40-60
Aluminium Oxide 80/100	ESA80	13.5	For more delicate work on wood or stonework, concrete, masonry or on virgin steel for cleaning. Removes light coatings from steel and aluminium substrates, or can be used to profile previously painted surfaces. Cleans to Sa 2.5 or Sa 3 Standard.	35-50
Aluminium Oxide 120	ESA120	13.5	Selective coating removal where a small profile is required. Removes light coatings from steel and aluminium substrates, or can be used to profile previously painted surfaces. Cleans to Sa 2.5 or Sa 3 Standard. This grade can also be used to refurbish concrete, stone & masonry.	20-30
Aluminium Oxide 220	ESA220	9.0	Selective coating removal on delicate substrates and for turbine cleaning.	10-15
Blended Ali & Glass Bead	ESA320F-GB60F	18.0	For specialist cleaning eg. to remove mild steel contamination from stainless steel.	10-15
Aerolyte Ali Ox 320	ESA320	9.0	Selective coating removal on delicate substrates such as fibreglass or carbon fibre.	10-15
Aluminium Oxide 500	ESA500	9.0	For very delicate cleaning on eg. turbines where minimal surface coating removal is required.	4-8
Glass Bead 60/100	ESGB60	13.5	For cleaning or cosmetic finishing where a shiny surface is required.	4-8
Cleaning Grade	ESCG	7.0	For delicate removal of contamination, soot, smoke, liquids etc. from steel, concrete or stone surfaces.	4-8
Plastic 30/40	ESPW	7.0	For coating removal on delicate substrates, or where no metal removal is required or media needs to be non-sparking.	0
Sponge Only	ESSB	4.5	100% Sponge... light cleaning applications only. No abrasive added.	0

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¹ The profile depth (in microns) is based on cleaning mild steel at 6 bar / 85psi.

Benefits

EnviraSponge is an advanced surface treatment technology and is the low dust alternative to conventional abrasives.

- Low Dust – Contaminants are contained at the source, resulting in less dust to collect – reduced need for dust suppression and extraction.
- Superior surface preparation in confined environments.
- Keep your sensitive equipment protected.
- Recyclable.
- Improve operator visibility, meaning less re-work.
- Greater operator safety – low abrasive rebound; low dust.
- Reduce down-time – other trades can work simultaneously.
- Dry surface preparation.
- Some media types are non-sparking for use in explosive sensitive areas.
- Allows work near operating mechanical equipment
- Replace mechanical cleaning tools for faster and easier treatment of curved surfaces with a near-perfect finish.
- No need to rinse to re-blast.
- Enhanced surface cleaning and chloride removal from steel.
- Creates a surface profile of 5 – 100 microns on steel.



EnviraSponge can be manufactured to meet any specification where low dust, low rebound and reduced waste is required.

MG100	MG200	MG500	ESRG1P
			
<p>Capacity 100 litres Width 101 cm Depth 95 cm Height 112 cm Weight 230 kg</p>	<p>Capacity 200 litres Width 105 cm Depth 112 cm Height 140 cm Weight 315 kg</p>	<p>Capacity 500 litres Width 92 cm Depth 150 cm Height 185 cm Weight 415 kg</p>	<p>Top Diameter 50 cm Width 75 cm Depth 75 cm Height 120 cm Weight 40 kg</p>