

CASE STUDY

↳ Scrap Metal Market



↳ Steel specialists
Abrasive UK, one of Europe's largest specialist steel processors and stockholders of abrasion resistant and high yield steel, are providing wear plate answers for the UK scrap metal industry.

**ABRASERVICE
ANSWERS SCRAP METAL
WEAR PROBLEMS**

“The fact that we are a steel stockholder and processor is so much more cost effective for our customers – we input years of technical knowledge when discussing customer problems and can react quickly to customer needs – minimising downtime”

↳ Nick Taylor, Abraservice UK
Business Development Manager

Birmingham based IMS UK stock a comprehensive range of their branded wear plate, including ABRO 400, ABRO500, CREUSABRO 4800, CREUSABRO 8000 and DURETAL 35 which can be processed according to bespoke customers requirements.

The in-house design department uses SolidWorks CAD programmes to ensure the relationship between design, production and assembly remains constant. Steel stock and manufacturing are based at the Arley Road works, the latest high definition plasma and laser cutting facilities easing the bespoke processing service.

The Abraservice stock is drawn from leading European mills and with stock on the ground, together with the support of Abraservice throughout Europe; Abraservice continue to retain a comprehensive stock profile with adequate supplies in a full product range. Abraservice UK has a nationwide delivery service, supply to multi-site customers and can accommodate a ‘just in time’ service for customer stock – providing great value and service to their customers.

Abraservice produce abrasion resistant steel components for balers, shredders, mobile plant and other site equipment including liners, castellated floors, cyclones, screens and buckets for the metal recycling market.

↳ Key Technical Data, ABRO 500

An abrasion resistant plate steel with a hardness of 500 HB and can be welded and fabricated.

Applications	Earthmoving and loading equipment, skip liners, edges and buckets, dredgers, conveyors, shears, knives and recycling plants.										
Hardness	500 HB										
Composition	C	Si	Mn	S	Cr	P	Mo	Nb	B	V	Ni
	0.30	0.50	1.60	0.010	1.50	0.025	0.50	0.05	0.005	0.08	1.0
Thickness	6-80mm										

contact Abraservice UK for full technical data sheet.

↳ Benefits, ABRO 500

- An abrasion resistant steel plate with a hardness of 500 HB
- Can be welded and fabricated to meet bespoke customer requirements
- Ideal for applications within the metal recycling industry

↳ Processing Facilities

- CAD/CAM Profiling
- Perforating
- Plasma Profiling
- Forming
- Laser Profiling
- Drilling and Countersinking
- Oxy-gas Profiling
- Bevelling
- DXF Compatible
- Welded Fabrications

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