

## BIG SCREEN SUCCESS

## IN THE ABRASION MARKET

### CASE STUDY: ASSAREL COPPER MINE (BG)



Steel specialists Abraservice UK, one of Europe's leaders in the distribution and processing of abrasion resistant and high yield steel, have successfully introduced their abrasion and corrosion resistant steels to the screen market.

Not just a steel stock holder, Abraservice UK offer in-house processing facilities to provide finished components to their customers.

Dependent upon the application, Abraservice UK can advise on the correct material specification and fit the design according to the use. Over the last 12 months, Abraservice UK have continued to penetrate the market for punched, high definition and laser perforated screens in abrasion and corrosion resistant grade steels. The manufactured components are used within the rubber, glass, plastic and aggregate industries.

A comprehensive stock profile of abrasion and wear resistant steels, full in-house design facilities and on-site processing facilities all coupled with an experienced engineering team allow Abraservice to react quickly to customer demands, reducing customers plant and machinery downtime.

The use of SolidWorks software also allows Abraservice UK to design packages of liner plates in applications throughout the industrial sectors that require abrasion resistant steel and high yield components, ensuring an end product, engineered as designed.

With over 100 years of steel industry knowledge and experience, Abraservice UK can advise on the best solutions for each tailor wear related problem providing cost effective solutions for all applications.

#### KEY TECHNICAL DATA, CREUSABRO® 4800®

Wear resistant steel that combines resistance to abrasion together with a high level of toughness.

Applications	Cement plants, quarry, mining and earthy moving equipment, block moulds, screen, steel production and recycling plants and vehicles.
Hardness	340 - 400 HB as supplied
Composition	C≤0.20 / S≤0.05 / P≤0.018 / Mn≤1.60 / Ni≤0.20 / Cr≤1.90 / Mo≤0.40 / Ti≤0.20
Thickness Range (mm)	3 - 40

“ Abraservice are able to offer a wide range of products to suit the abrasion market. Screens can be produced in different grades of steel to customer specifications, ideally conditioned to the type of application they are required for. ”

Sheridan Mattock | Sales Manager

#### CREUSABRO® 4800® BENEFITS

- Excellent wear resistant properties
- Optimum combination of wear resistance to abrasion together with a high level of toughness
- Ability to work harden offers an increased wearlife of up to 50% versus conventional 400 HB materials
- Suitable for applications in steel component production for recycling plants and vehicles.

#### PROCESSING FACILITIES

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

contact us for full technical data sheet.