

BROWN FUSED ALUMINA FESI



BROWN FUSED ALUMINA FESI is a non-disposable abrasive based on aluminium oxide and ferrosilicon. The product meets the requirements in accordance with BGR 500, part 2, chapter 2.24, „Working with blasting equipment (blasting work)“.

CHARACTERISTICS

- > price/performance
- > multifunctional
- > hard
- > low-dust
- > high specific weight
- > sharp-edged – highly abrasive
- > for black steel/normal steel
- > for compressed air jet technology

CHEMICAL ANALYSIS

(normal values)

Al ₂ O ₃	39,0 %
TiO ₂	0,9 %
SiO ₂	0,3 %
Fe ₂ O ₃	0,3 %
Fe	46 %
Si	7,2 %
Ti	3,0 %

PHYSICAL PROPERTIES

specific weight	approx.	5,1 g/cm ³
bulk density	approx.	2,2 g/cm ³
Mohs hardness	approx.	8-9
particle shape	sharp-edged	

SIZES

0,125 – 0,25 mm
0,25 – 0,5 mm
0,5 – 1,0 mm
0,5 – 1,5 mm
0,5 – 2,0 mm
1,0 – 2,0 mm
1,0 – 1,5 mm
1,0 – 2,0 mm
2,0 – 3,0 mm

PACKAGING

25kg paper bags on pallets of 1,000kg
Big bags of 1,000kg

USE

Use as non-disposable abrasives in mobile and stationary compressed air systems.

High service life due to hardness and viscosity. High specific weight ensures high stock removal rate and surface roughness.

Lower dust dry blasting than when using once-through abrasives.

Only suitable for black steel due to the free iron content. Surface preparation.

Sectors: Corrosion Protection, Vehicle Construction, Ship-building Industry