

SILINGEN Germany
Grüner Markt 17
96047 Bamberg
EUROPEAN UNION

T: +49 (0) 951 2975 722
E: silingen@silingen.eu



www.silingen.eu



Metallurgical Briquettes

The art of mixing - creating value

**Industrial
Quality
Innovation**

SILINGEN Germany
Grüner Markt 17
96047 Bamberg
EUROPEAN UNION

T: +49 (0) 951 2975 722
E: silingen@silingen.eu

SILINGEN Poland
ul. Kościuszki 61a
43-190 Mikołów, Poland
EUROPEAN UNION

T: +48 32 218 06 50
E: silingen@silingen.pl

SILINGEN America
ProFound Alloys
6000 Waterdam Plaza Dr
Suite 240
McMurray, PA 15317, USA

T: 412 833 9733
E: silingen@silingen.eu



www.silingen.eu

Specifications:

Dimensions:	65 x 45 x 30 mm (2,56 x 1,77 x 1,18 in) 25 x 25 x 15 mm (0,98 x 0,98 x 0,59 in)
Compressive strength:	10 - 14 MPa
Packing:	in big bags or in bulk

▶ TYPICAL METALLURGICAL BRIQUETTES:

- Ferrosilicon
- Silicon manganese
- Ferromanganese
- Ferrochrome
- Silicon carbide
- Iron, Iron ore, etc.

▶ BRIQUETTING

Briquetting is the processing of fine particles into briquettes having a uniform, geometric shape and approximately same weight. Briquetting creates additional raw material resources from different kind of process products like ferroalloys fines and dusts, ores, the use of which would otherwise be inefficient or at least difficult.



The briquetting process is carried out using a roll press where the raw material in combination with the binder is briquetted under high pressure.

The kind of binder and its quantity is adjusted to the raw materials and varies depending on size and humidity of the batch material.

The size and shape of the briquette can be adapted on request.

▶ ADVANTAGES OF USING METALLURGICAL BRIQUETTES:

- convenient and less expensive substitute to standard materials
- combination of different kind of raw materials on customer request
- compression of pure material in capsular form, hence convenient in usage
- easy transport due to the convenient size
- tailor-made chemical composition
- predictable and regulated mechanical strength
- minimal amount of returned waste