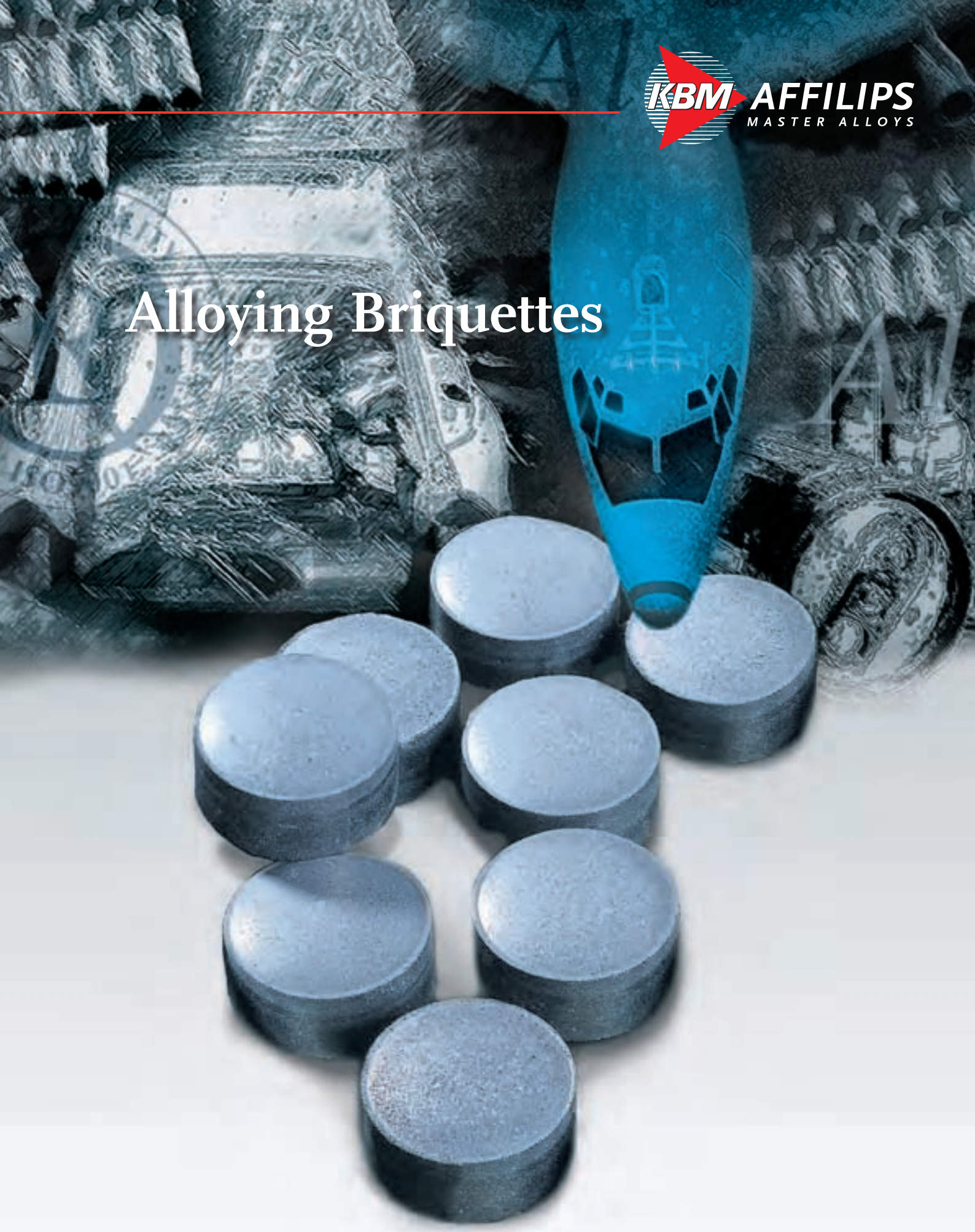
KBM AFFILIPS
MASTER ALLOYS

Alloying Briquettes



High grade alloying briquettes for the aluminium industry

Alloying Briquettes

Application

KBM Affilips alloying briquettes – or minitablets – are used in the aluminium casthouse to adjust the composition of liquid aluminium alloys. A high element concentration, fast dissolution and a high yield ensure efficient and economical composition control.
The use of alloying briquettes is straightforward and reliable.

Product description

KBM Affilips alloying briquettes are made by compacting high purity metallic powders into a high density cylindrical minitablet. A range of alloying elements is available.

Range	Colour code
Chromium (Cr)	Blue
Copper (Cu)	Orange
Iron (Fe)	Green
Manganese (Mn)	Grey
Titanium (Ti)	Red

Colour coding according to AA specification is available upon request.

The main element concentration is 75% or 80%. The balance consists of aluminium or a Na-free non-hygroscopic flux or a combination thereof. Each briquette weighs exactly 75 gram (titanium: 30 or 50 gram). The briquettes are packed in colour coded 10 or 20 kg multi-layer bags on pallets or loose in a 1000 kg bulk bag. Upon request the paper bags can be packed in in a cardboard pallet box or a timber crate for additional protection during transport and storage.

To suit individual requirements on element concentration, aluminium/flux ratio and preferred packaging the briquettes are generally produced to order. Specific composition and packaging is available upon request.

Each pallet carries a label showing the batch number and nominal briquette composition. Pallets are strapped and foil wrapped to protect the product against moisture.

Bulk handling

The shape of the briquettes is designed to provide a free flowing product suitable for automated bulk handling via e.g. silo and/or conveyor belt. For this purpose bulk packaging in big bags is available to minimise manual handling and packaging waste.

Recommended addition practice

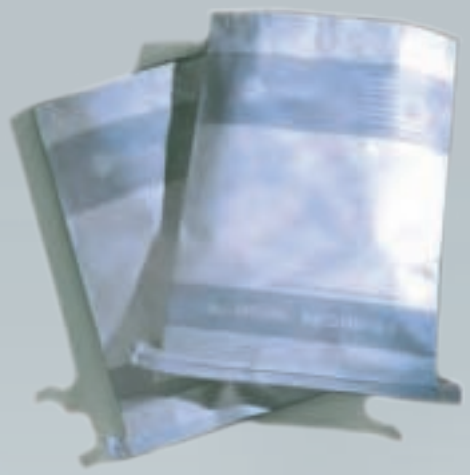
1. Remove any dross from the molten metal surface.
2. Add the briquettes to the bath at normal operating temperatures, ensuring even distribution over the bath surface, and hold for a few minutes.
3. Stir the bath well to ensure homogeneity and complete recovery of the alloying elements

Under normal operating conditions a minimum 95% recovery is achievable within 10-20 minutes.

Storage

The briquettes must be stored in a dry area to avoid oxidation.

A Material Safety Data Sheet is available.



Colour coded 10 kg/20 kg multilayer paper bags

20 kg bags on pallet

Optional: packaging in wooden cases

For further information please contact:
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