

Product Datasheet - Metal Treatment

COVERAL* GR 2532

Low – Medium Temperature Drossing and Covering Flux for Aluminium and Aluminium Alloys**Product Description**

COVERAL GR 2532 is a granulated flux suitable for all types of Aluminium alloys with the exception of AlMg alloys where even a slight sodium pick-up must be avoided. It can be used for low to medium metal temperatures in sand, die and pressure die casting foundries. COVERAL GR 2532 ensures a very good drossing and covering action with a low metal content in the dross. It produces dry ash-like dross that is easily separated from the liquid metal. Skimming is thus facilitated and metal loss due to aluminium entrapment in the dross is reduced.

Benefits

COVERAL GR 2532 has been specially developed to be environmentally friendly. It is dust free in use and emits low fume during application. Granulated fluxes can be used at reduced application rates compared to powder fluxes.

Application

The best results in ladles or crucibles are obtained by using an FDU impeller, COVERAL GR 2532 reacts easily resulting in a light and dry dross. For all melting and holding furnaces or if no impeller treatment is taking place COVERAL GR 2532 is spread over the melt surface after melting is complete. The flux must be stirred vigorously with the dross on the melt surface using a preheated perforated ladle until a dry dross is achieved. Once reaction is over the dross should be carefully removed using an appropriate skimming tool.

Crucible care: Always carefully clean any residues from crucible walls before refilling to get the best lifetime of Foseco crucibles.

Addition rate

0.05 - 0.1 % of the metal weight depending on application type and foundry conditions.

Technical Data

Granulated flux
Suitable for all types of Aluminium alloys with the exception of AlMg alloys
Application temperature: 670 °C and higher

Packaging

25 kg polyethylene lined multi-ply paper sacks

Storage & Shelf Life

Like all fluxes, COVERAL GR 2532 should be stored in a dry place. Close opened bags or storage bins securely after use. This product has no expiry date if stored in accordance with the recommendations above.

Health & Safety

See Safety Data Sheet, copies of which are available on request.

Further Remarks

For safety reasons the product mentioned above must only be used according to these application guidelines. The data provided above is for guidance only and does not represent a specification. All rights to make technical changes to improve the product are reserved.

