

CASTREE KILNS

www.castreekilns.co.uk

ECOGAS 16

Description

A dark grey coloured tablet or block.

Function

Ecogas 16 is used to degas most aluminium alloys with the exception of LM5 and LM10 (where the presence of sodium is detrimental).

Ecogas 16 is hexachloroethane free and is virtually fumeless in operation, thus avoiding the environmental problems associated with hexachloroethane based degassers.

Ecogas 16 is ideally suited for use in confined spaces and places where the fume extraction is poor.

Ecogas 16 offers a faster degassing action together with a minimum of turbulence, making it suitable for treatment in transfer ladles and crucibles.

Recommended Application

1. Pre-heat a bell plunger coated with HA Trennpaste Al 72 to prevent iron pick-up. .
2. Turn off heat when the melt reaches the required temperature.
3. When the temperature begins to fall, and is below 760°C, plunge the required amount of Ecogas 16 with the bell plunger to the bottom of the crucible, (typically 0.2-0.4% by weight of metal treated) depending on starting gas levels and target levels. The tablets are designed to be broken into smaller pieces as required. Hold the tablets below the surface until the reaction ceases. The degassing action is more effective if carried out in two stages.
4. Remove the plunger from the melt.
5. Apply a suitable dressing flux to the melt surface and allow to stand for about 2 minutes. Rabble the flux layer into the melt to obtain dry, glowing dross, substantially free of metal. Test gas levels in the melt, and if within specification, skim off, check the temperature, and pour.

Packaging

500g tablets in 12.5Kg cartons

500g tablets in 50Kg UN fibre kegs

Health and Safety

Please refer to Material Safety Data Sheet MS040314

Issue No. 4

W.E.F. 02.07.10