



GIRGI
SINCE 1959

As foundry product manufacturers, we have been catering to the metals Industry for five decades now. During this era the technology of Gargi Foundry auxiliaries has been transfered to foreign lands too. The complete range of auxiliaries for ferrous and non-ferrous metals. Tailored products is the hall-mark of Gargi's relentless service to the industry.



Cupola /Ladle additives for Ferrous Metal

Garinoculant

A durable group of Ferro Silicon based Inoculants for Grey & Ductile Cast Iron, used to suppress chill, which allows excellent Graphite Morphology, generates desired micro structure and promote mechanical properties and machinability in castings.

- Garinoculant S, SB (Alloyed with 1% Ca and 1.5% Al) for Grey and S.G. Iron castings.
- Garinoculant SBC (Alloyed with 2.5% Ba and 1.5% Ca) for Grey and S.G. Iron castings.
- Garinoculant Sr (Alloyed with 1% Sr) for thin walled castings.
- Garinoculant Ce (Alloyed with 4% Ce) for S.G. Iron castings



Garfal Ladle Additives

Alloyed exothermic Ladle additions which readily dissolve in the base metal with 90% element pick up and reduced temperature drop.

Garsulf

Alloyed cubes for Cupola additions of alloying elements and de-sulphurisers in pre-weighed cube forms to reduce oxidation losses, improve carbon/alloy pick up, increase in fluxing and refining action reduce sulphur pick up, lessen cupola bridging and thus contribute to smooth and efficient cupola operation.

Gargen

Fluxes for cast Iron & Steel for degassing, removal of non-metallic inclusion, improvement in fluidity and removal of Slag build up.



Binders and Moulding Materials

Garfix

Inorganic core joining paste applicable to Resin, Silicate and Oil bonded cores, it is available in Air setting and Heat curing varieties.

Garfix-8

It can be applied to cold cores with normal hardening time, used mainly on Sodium Silicate, Oil, Resins and Cereal bound cores for ferrous and Non - ferrous Alloys.

Garfix - 25

It is applied on hot to hot shell cores and mould within 20 to 80 seconds of production and should be applied immediately clamped to enable heat set.



Garfix - 10 FS

This is a special adhesive based on fast setting binder, providing good initial bond and strength after complete adhesion. This is suitable for mould and cores requiring strength at high temperature. Suitable for mould and cores made from shell resin, Furan resin and Cold box binders. It can be also used for repairs of moulds and cores.

Garsep

Parting Agents in liquid or powder form to facilitate pattern stripping from Mould and Cores.

Gargi No- Bake Binder

Alkyd Resin self setting system with immense flexibility in setting times and suitable for small, medium and large cores.

Garveinseal

These are dry core sand additives used in casting process, specially formulated to eliminate casting defects related to thermal expansion of sand resin system, In addition to alleviating "veining" defects, it also eliminates gas defects and enhance surface finish.

Garcobond

A range of Silicate based binders with or without built in collapsible agents and other special co-polymer additives for extended bench life and low Co² consumption, longer core storage and superior breakdown.

Garset

Range of hardeners for self setting silicate system, based on esters or Di-Calcium Silicates or Nishiyama process.

Garcure

Water based cereal air setting binder for small core jobs.

Gartel

A large range of core oils in slow, medium and fast baking qualities to suit the most intricate core jobs.

Gargi LCD - 8/ Garcolap -77

Coal Dust substitutes requiring very low addition levels and consequently negligible ash build up ensures clean environment with excellent surface finish of castings without any burn on defect.

Garsand

A range of pre coated sands tailored to suit moulding / core making applications with options of additives.

Gardresser Lit X

Alcohol Liquid carrier with no smoke emission suitable for alcohol based dressings with good missibility.





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