FINCAST FOUNDRY FLUX CO.

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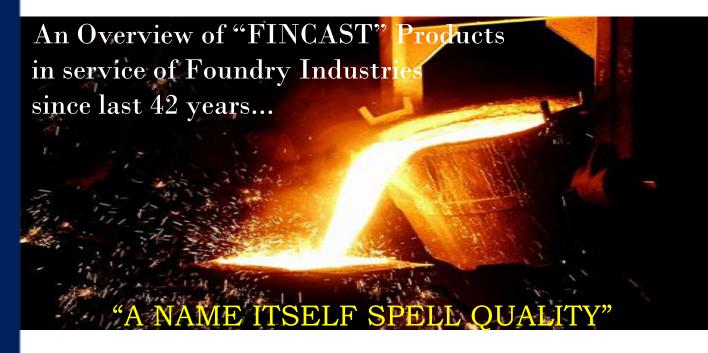
ODHAV, AHMEDABAD-382415.

TELE : 079-22871747, 22870092

FAX : 079-22870092 MOBILE : 09825008747

E-MAIL : fincast@foundryflux.com Website : www.foundryflux.com

HOUSE OF FOUNDRY FLUXES, RESINS, MINERALS, FERRO ALLOYS & ADDITIVES





FINCAST FLUXES: FOR FINE CASTING

FINCAST FOUNDRY FLUX CO. AN OVERVIEW

FFFCO was incorporated in 1969 with a vision to provide Foundry Fluxes for Foundry industries to produce good quality castings.

The company has state of art of manufacturing facility at Ahmedabad (Gujarat State) in Western part of India.

Fincast has started with 5 products in 1969, now supplies more than 62 innovative products to serve different types of Foundries with consistent modern R & D division research approach.

1. Advance Hi-tech products for C.I., S.G.Iron and Steel Casting Foundries.

(a) FINEX:

A laddle addition for machinability, reduction of Chill and to increase fluidity of the metal.

(b) FERROFINE:

A powerfull scavanger & deoxidiser to increase fluidity of melt.

(c) CUPOLUX:

A Desulpheriser Brick for Cupola & Rotary operation.

(d) CHROMAN-21:

Laddle addition to increase strength and hardness. Small foundries can easily make graded cast Iron.

(e) CARBRIX:

To increase Carbon percentage in the melt.

(f) FINHOT-22:

A highly insulative compound to be added in ladle andriser for maintaining temperature.

(g) FINOCULEX-1:

Speciality Rare earth based innoculant. Highly effective due to precise Rare earth Content. Ensure consistent cill free casting of Grey & S.G. Iron.

(h) FINOCULEX-2:

Modern highly effective innoculant mainly based on quality Ferro Silicon for Grey &Ductile iron foundries. Excellent Innoculation effect. Ensure consistent result.

(i) FINCOULEX-3:

Ecconomical carbon based Innoculant combined with Ferro Silicon. Ensure chill free castings.

(i) DESULPHERISER:

A finely grounded powerful desulpheriser for metal treatment in furnace and ladle. Results proves decrease of Sulpur content from 0.06 to 0.02 of S.G.Iron melt.

2. Fincast products for Steel & Alloy Casting foundries.

(a) FINHOT-66:

A powerful Exothermic compound to keep metal hot for longer time in ladle and risers.

(b) SLAGOFIX-22:

A powerful granular Slag Cogulant.

(c) A.P.C.:

A powerful Anti piping exothermic cum insulative powder to sprinkle on risers to keep metal hot for longer time.

(d) <u>Dephos-11</u>:

A Powerful Scavenger to removes Phosphorous for metal.

3. Range of Innovative covering fluxes, Degassers & Hi-tech Diecoats For Ferrous, Non-Ferrous and Steel Foundries.

(a) <u>ALFINE-22</u>:

Hightech Granular Pink colour covering flux to stop melting loss along with impurities efficiently from aluminium melt. (Equivalent to Coverfine-22)

(b) <u>ALFINE-66</u>:

Specialised refining covering flux to purify the aluminium melt from impurities. strong covering action gives lowest melting loss. (Equivalent to Coverfine-66)

(c) ALFINE-M 21:

Highly effective modifier granular flux for close grain Aluminium casting used at 760C to 790 C for LM4,LM6,LM8,LM13,LM20 etc. aluminium alloys. (Equivalent to Coverfine-m 21)

(d) ALFINE-L 33:

Modifier flux, blue in colour gives dross free, blow holes free & sound close grain, aluminium casting. (Equivalent to Coverfine-L 33)

The full ALFINE range of powders are covering fluxes. They reduce melting loss and curtail gas pick up. Form a dross free from metallic inclusion.

(e) ALDEGAS-1:

Powerful chlorine base degasser to remove H2 Gas & for blow hole free castings. It refines the grain along with degassing action.

(Equivalent to Degas-1)

(f) ALDEGAS-2:

Aldegas is a Sodium free degasser. Ideal and suitable for magnesium bearing alloys. (Equivalent to Degas-2)

(g) ALDEGAS-3:

Aldegas is an economical degasser for bulk melting. It removes impurities and entangled oxides not only by chemical action but also by a powerful mechanical action. (Equivalent to Degas-3

(h) GRAINOFINE-1:

Grain refiner for Hypereutectic aluminium silicon alloys.

(i) GRAINOFINE-2:

Titanium Boron based effective refiner for close graine & shrinkage and porosity free aluminum alloys castings.

(j) GRAINOFINE-3:

Granofine 3 is Sodium free nucleant for aluminium nmagnesium alloys.

(k) DIECOAT-G 9:

White, Water based diecoat for castings. Cleaner & Shining surface finishing of aluminium casting.

(1) DIECOAT F-10:

Black water based super quality, Environment friendly diecoat for gravity and pressure diecasting

(m) DIECOAT-O-11:

Modern, high temperature lubricant, black suspension as a plunger diecoat for long die life. Apply for easy removal and super finishing of casting.

(n) DIECOAT-666:

A silver coloured diecoat containing colloidal fillers. Blended with quality lubricant. A single application gives several clean withdrawals. It can also be used on shell moulding patterns and core-boxes.

4. Speciality products of melting, pouring & feeding aids for Moulding.

(a) Korfixer-1:

High strength, quick dry core jointing paste in bottle packing. Easy to use. Stops wastage.

(b) Liquicol/Luster:

liquid Coal dust or Powder carbon additives Coal to improve green strength of Moulding sand Effective Breakdown properties, easy shakeout Along with good finishing of casting.

(c) Corenok Powder:

Mixure of collapsible agents to improve breakdown properties of sand, speciality used for silicate-co2 process.

(d) Corenok Liquid:

Carbon in liquid form, ideal breakdown agent to increase, easy shakeout properties of sand.

(e) Iron Cement:

It is used to fill the blow holes and cracks of casting. Majority used it in main holes frames & covers.

(f) Partex:

A powerful parting agent to stop sticking of sand to pattern, Core boxes, dies etc. Die lubricant for Core shooter for easy removal of cores.

5. Range of Mould & Core Coatings for Ferrous, Non-Ferrous & Steel Foundries.

(a) Mould powder-22 & 55:

Mould Powder-22 is Graphite/Water based & Mould Powder-55 is Thinner based high temperature resistant coating. Give more coverage and finishing to C.I.& Grey Iron castings.

(b) Mould Paste-33Z:

Thinner/Zircon based paste. Ensures quality finishing for steel castings.

(c) Mould Paste WB-1:

A highly dispersing quality Zircon water based paste and powder for superb finishing of steel castings.

(d) Mould Paste-22:

Hi-tech graphite water based paste for Grey & S.G.Iron foundries.

(e) Mould Paste-55:

Thinner/Graphite base coating paste used for C.I & Non Ferrous foundries.

(f) Mould Paste-SS:

It is premier foundry silicate one part system.

(g) Mould Powder-66Z:

Thinner/Zircon suspension powder for Manganese Steel and Steel Casting foundries.

(h) Mould Powder-101:

Water/Zircon suspension powder for Alloy Steel Casting foundries.

(i) Mould Powder-Mn & 77Mn:

Magnesite/Water & Thinner based Mould and Core Coating powders for Manganese Steel foundries.

(j) Mould Paint-44:

A self set Air dry phenolic Core & Mould paint for superb finishing of castings.

6. Skilled Product for Copper based Foundries.

(a) Coverbrass:

Protective covering flux to stop heavy melting loss,removes gases and impurities for uniform colour for copper based foundries. (Equivalent to Brasscover)

(b) De ox-Tube G-1:

Powerful Deggasser to stop blow holes in copper based foundries.

(c) Finbrass:

Makes liquid covering to stop melting loss. Cleans metal. Most economical.

(d) Finhot Grade-NF:

powerful exothermic compound to increase temperature of Non ferrous metals. Sprinkle in ladle or risers to keep metal hot for longer time

(e) Lead Fire:

Modern R & D product to increase fluidity, remove limited lead & zinc from copper based alloys.

(f) Zinc Fire:

Removal of Zinc, increase fluidity and shining of Non-ferrous alloys.

(g) Magrex:

Hitech protective covering dry flux for magnesium based alloys. Stops melting loss and clean the melt.

"METASET" Epoxy Putties & Metalic compound.

Metaset Epoxy Jointing Putties & Metal Filled Compounds like Aluminium Filled, Steel Filled, Gunmetal Filled, Copper Filled and Brass Filled. METASET is a versatile two component material which can be used for Sealing, Jointing, Repairing, Insulating and waterproofing a variety of materials including ferrous, non-ferrous metals, wood, asbestos, glass, rubber PVC, concrete, ceramics. etc. "Metaset" metal filled has higher strength than putty form.

Modern Anti Corrosive waterproof Coating for Casting, Machinaries and plants.

"FINCOAT" Anti Corrosive Acid Alkali & Water proof coatings to prevent corrosion on your precious machineries, plants, moulding boxes and structure. Foundry plants are prone to corrosion due to corrosive effect of water, gas, oils, fumes, binders, sand etc. on metal surface. FINCOAT protects them from this corrosive effect and improve the life of plants. Fincoat also saves lot of replacement and maintenance cost due to corrosion.

KORCHEM INDUSTRIES

AN OVERVIEW

Spectrum of Advance foundry Resin & Binder for Mould & Core making system.

1) **F-SET**:

The Newly Developed 2 Part No Bake process, utilizes low viscosity, modern phenolic liquid resin and hardener System. This system used to get faster production & high strength of Mould and Cores at economical rate.

2) SHINESET:

The Newly Developed Furane resin system for faster production and superb finishing of casting.

3) KORSET:

A Self setting, No bake core making Compound. Just add 3% Korset in sand and Make a core. Core Sets within 6 to 8 hours. Easy stripping, superb finishing of cores, No other additive addition, No bake, lowest Gas evolution, higher strength, Faster Production are added advantages.

4) FINOCURE PART-A,B,C:

No Bake 3 parts system used to make small or big intricated cores in easiest accepted system in Indian tropical environment. Finocure No Bake Part A,B,C is convenient System used to make cores with ease & Accuracy. It posses good strength, more Humidity resistance, lowest gas evolution And accurate dimension. The production rate Is controlled by adjustable bench life. Finocure have added economical advantages Of lower percentage addition against Conventional No Bake System.

5) EMICURE:

The oldest PUCB (Poly Urethane Amine cold Box system. This binder system gives Large volume and high speed accurate core Production. It eliminate heat curing and Make smaller cores with complex Configuration easily. Coat the sand with Environment friendly phenolic resin & poly Urethane resin. Then blow the sand in core Shooter, pass the Amine gas to harden the Core. Amicure made cores give good tensile Strength, lowest gas evolution long Humidity resistance at low percentage Addition level. Storage Properties: Amicure is best Selected binder system for Auto Component Mfg. Who designed to deliver high quality Castings with consistent result.

6) CARBON CURE 101:

A Newly Developed Resin-co2 Eco friendly core and mould making system give easy breakdown properties of sand exact dimension and large Production is easily achievable.

7) CELLOSET:

A Perfect blend of (foundry grade speciality) silicate binder & breakdown agent at most economical rate. Gasbond gives faster & clean casting production due to low silicate binder level addition, no wastage, combined with improved shake out properties.

8) PF-5004:

A Versatile phenolic Resin system with catalyst to make resin coated sand having good strength, Permeability & lowest gas Evolution.

9) KORBOND-PS:

A Nitrogen free Phenolic resin react with acid catalyst to be use Production of steel, alloy steel casting auto component.

10) KORTEL-75:

A premier quality core oil is a economical sand binder system. Cores prepared with Kortel-75 gives higher strength even at Lower percentage addition. Lowest gas Evolution, easy stripping and fast caring are added advantages.

11) MOULD PAINT-11:

To make a super grade foundry paint to be mixed with Mould Paste & Mould Powders.

12) MOULD PAINT-51:

A Thinner/Graphite self igniting type Core & Mould paint

ASHIT TRADING COMPANY

AN OVERVIEW

[HOUSE OF FERRO ALLOYS, METALS, MINERALS & ADDITIVES]
ASSURE YOU GENUINE QUALITY

Exclusive SAND & Carbon Additives, Ferro Alloys, Minerals, Filters For Modern Foundry process.

BENTONITE:

Quality Sodium based Bentonite having high Swelling index and instant gelling time.

COAL DUST:

Finely grounded premier quality Coal Dust having Low Ash content

BENTRONE:

Modern sand additive product for green sand moulding. Improves surface finish.

LUSTER COAL:

A Lustrous Carbon sand additives to get Superb finishing of casting. Mainly used in green Sand Moulding Practice.

FERRO ALLOYS & METALS:

Ferro Silicon, H.C. & L.C. Ferro Manganese,

H.C. & L.C. Ferro Chrome, Ferro silicon Magnesium,

Ferro Silicon Zirconium, Ferro Phosphorous,

Ferro sulpher & Vergin Nickels, Silicon Metal,

Manganese Metals, Dextrine, etc. at Economical Rate.

MINERALS:

High quality Silica Sand. Zircon sand, Silminite sand, Olivin sand etc.

CARBON ADDITIVES:

Coconute shell charcoal, Raw Petrolium Coke, C.P.C., Graphite Granules, Carboriser.

FOUNDRY ACCESSORIES:

Chaplets, having varieties like Button Type, Single stud, Double Stud, Plain and Groove Chaplets and Nails having consistent quality.

EXOTHERMIC SLEEVES:

A good quality, highly Insulative exothermic sleeves in different sizes

RESIN COATED SAND:

Quality Resin Coated Sand having ideal sticking Point. Lowest gas evolution, rapid stripping Superb finishing and consistent quality assured.