



FINCAST FOUNDRY FLUX COMPANY

HOUSE OF FOUNDRY PRODUCTS

Resin | Coating | Ferro Alloy | Minerals | Metals | Refractories





About us

An overview of **FINCAST** products in service of Foundry Industries Since 47 years.

FFFCO was incorporated in 1969 with a vision to provide Foundry Fluxes for Foundry Industries to produce good quality casting. The company has state of the art manufacturing facility at Ahmedabad (Gujarat State) in Western India.

FINCAST started with 5 products in 1969 now produce more than 65 innovative products to serve different types of foundries with consistent in-house modern R & D Division.

FINCAST being **LEADER** in producing intensive products touch and treat foundry operations I.e Melting, Moulding, Feeding and Fettling to enable foundries to produce consistent **QUALITY** casting.

Mission

To become a leader in manufacturing and supplier of all foundry products all over the world produced by latest technology, modern R&D Work.

Vision

To create a world class manufacturing facilities for foundry resin, coatings, inoculants and other latest foundry additives by established ERP software solution and become prominent supplier of metals, minerals and ferro alloys.



HOUSE OF FOUNDRY PRODUCTS RESIN, COATINGS, FERRO-ALLOYS, METALS & MINERALS.

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PRODUCTS FOR C.I & S.G IRON CASTING

ADVANCE HI-TECH PRODUCTS FOR C.I & S.G IRON CASTING FOUNDRY

PRODUCT	DETAIL
Finex	A laddel addition for machinability, reduction of chill to increase fluidty of the metal.
Ferrofine	A powerful scavanger & deoxidiser to increase fluidity of melt.
Cupolex	A desulpheriser brick for cupola & roatry operation.
Chroman -21	A granular laddel addition to increase strength and hardness. Small foundries can easily granular laddel addition to increase strenget and hardness. Small foundries can easily make graded cast iron.
Carbon Assitives	Pet coke, c.p.c. , carboriser (90 to 93% c) g.p.c. . Coconutshell charcoal, to increase carbon precentage in the metal
Finoculex-1	Rare earth & "ba" based inoculant. Ensure consistent chill free casting of grey & s.g. Iron
Finoculex-2	Modern highly effective inoculant mainly based on quality ferro silicon for grey and ductile iron foundries.Excellent inoculation effect. Ensure consistent result.
Finoculex-3 (C.F.101)	Economical carbon based inoculant combined with ferro silicon. Ensure chill free casting.able.
Desulpheriser	A powerful desulpheriser powder for metal treatment in furance and ladle. Results proves decrease of sulpher Content from 0.06 to0.02 of s.g. iron melt.
Finhot-22	A highly insulative compound to be added in the ladle and riser for maintaining temperature.

PRODUCTS FOR C.I & S.G IRON CASTING

ADVANCE HI-TECH PRODUCTS FOR C.I & S.G IRON CASTING FOUNDRY

PRODUCT	DETAIL
Finhot-66	To keep metal hot for longer time in ladle and riser
Slagofix-22	A powerful granular slag cogulant
Exothermic sleeves	A good quality, highly insulative exothermic sleeves in different sizes to keep metal hot for longer times along with Hot tops
Mould Paste-55	Graphite / thinner based coating for mould and core
Mould Paste-22	Graphite / water based coating for c.i. And s.g. Iron
Mould Paste -ZX	Graphite / zircon / thinner based for s.g. Iron
Koreinnculant Barnium	Rare earth based innoculant for s.g. Iron
Ferrosilicon Magnasium	6 to 8 %, 8 to 10 % magnasium in different sizes for s.g. Iron
Scrap Melt	Maximum scrap addition possible in c.i. Casting
Iron Cement	Iron based cement to fill big holes in cast iron

RANGE OF LATEST MOULD & CORE COATINGS FOR FERROUS FOUNDRIES FOUNDRY

PRODUCT	DETAIL
Mould Powder	Graphite / Water based coating Which Gives More coverage and finishing to C.I. & Grey Iron castings.
Mould Powder -55	Graphite / Thinner based coating Which Gives More coverage and finishing to C.I. & Grey Iron castings.
Mould Paste -22	Hi-tech graphite water based paste for Grey & S.G. Iron foundries.
Mould Paste -55	Thinner / Graphite base coating paste used for C.I. & Non Ferrous foundries.
Mould Paste -33Z	Thinner / Zircon based Paste. Ensures Quality Finishing for Steel Castings.
Koreclean -1264	A Premium Thinner / Aluminium Silicate Based Coating System
Mould Powder -66Z-1264	Thinner / Zircon Suspension Powder for Manganese Steel and Steel Casting Foundries.
Mould Powder 101	Water / Zircon Suspension Powder for Alloy Steel Casting Foundries.
Mould Powder -77Mn	Magnesite / Thinner Based Coating For Magnese Steel Casting
Mould Paint -44	A self set Air Dry Phenolic Core & Mould Paint for Superb Finishing of Castings.
Mould Paint -11	To Make a Super Grade Foundry Paint to be mixed with Mould Paste & Mould Powders.
Mould Paint -51	A Thinner / Graphite self igniting type Core & Mould paint

PRODUCTS FOR STEEL CASTING FOUNDRY

FINCAST PRODUCTS FOR STEEL & ALLOY CASTING FOUNDRIES

PRODUCT	DETAIL
Finhot -66	Exothermic Compound For C.I. & Steel Casting
Mould Coat	Economical Mould Compound
Mould Powder -101	Zircon / Thinner Base Mould &Core Coating For Steel Castings.
Finhot -22	Insulative Compound For Riser & Laddel
Mould Paste -WB1	Zircon / Water Based Paste For Mould & Core Coating.
Mould Paste -33Z	Zircon / Based Paste For Mould & Core Coating.
A.P.C.-1	Anti Pipping Compound
Slagofix -22	Slag Coagulant For C.I. & Steel Casting.
Dephos -11	A Powerful Scavenger to Removes Phosphrous for metal.
Mould powder 77 MN	Magnesite / Thinner Based Coating For Magnese Steel Casting.
Mould Powder MN	Magnesite / water Based Coating For Magnese Steel Casting.Steel Casting.
Exothermic SleevesMN	A Good Quality, Highly insulative Exothermic Sleeves in Different Sizes To Keep metal hot for longer thimes along with hot tops.Steel Casting.

PRODUCTS FOR STEEL CASTING FOUNDRY

SPECTRUM OF ADVANCE FOUNDRY MOULD & CORE MAKING SYSTEM

PRODUCT	DETAIL
Celloset	A Perfect blend of (foundry grade speciality) silicate binder & breakdown agent at most economical rate.
Kortel -75	A premier quality core oil set after 180 degree Heating is a economical sand binder system.
Korset	A Self setting, No bake single part 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, lowest Gas evolution, higher strength.
Finocure Part - A,B,C	A premier quality core oil set after 180 degree Heating is a economical sand binder system.
Shineset	The Newly Developed Furane resin two part system for faster production and superb finishing of casting.
F-set	The Newly Developed alpha set 2 Part No Bake process, utilizes low viscosity, modern phenolic liquid resin and hardener System to getting faster production
Emicure	The oldest PUCB (Poly Urethane Amine cold Box system. This binder system gives Large volume and high speed accurate core Production.
Carbon Cure 101 (C.F.101)	A Newly Developed Resin-Co2 Eco friendly core and mould making system give easy breakdown properties of sand exact dimension and large production os easily achievable.
Korbond - PS(C.F.101)	A Nitrogen free Phenolic resin react with acid catalyst to be use Production of steel, alloy steel casting auto component.
PF - 5004	A versatile phenolic Resin system with catalyst to make resin coated sand having good strength, Permeability & lowest gas Evolution.

RANGE OF LATEST MOULD & CORE COATINGS FOR FERROUS & STEEL FOUNDRIES

PRODUCT	DETAIL
Mould Powder -22	Graphite / Water based coating Which Gives More coverage and finishing to C.I. & Grey Iron castings.
Mould Powder -55	Graphite / Thinner based coating Which Gives More coverage and finishing to C.I. & Grey Iron castings.
Mould Paste -22	Hi-tech graphite water based paste for Grey & S.G. Iron foundries.
Mould Paste -55	Thinner / Graphite base coating paste used for C.I. & Non Ferrous foundries.
Mould Paste -33Z	Thinner / Zircon based Paste. Ensures Quality Finishing for Steel Castings.
Koreclean -1264	A Premium Thinner / Aluminium Silicate Based Coating System
Mould Powder -66Z-1264	Thinner / Zircon Suspension Powder for Manganese Steel and Steel Casting Foundries.
Mould Powder 101	Water / Zircon Suspension Powder for Alloy Steel Casting Foundries.
Mould Powder -77Mn	Magnesite / Thinner Based Coating For Magnese Steel Casting
Mould Paint -44	A self set Air Dry Phenolic Core & Mould Paint for Superb Finishing of Castings.
Mould Paint -11	To Make a Super Grade Foundry Paint to be mixed with Mould Paste & Mould Powders.
Mould Paint -51	A Thinner / Graphite self igniting type Core & Mould paint

RANGE OF LATEST MOULD & CORE COATINGS FOR FERROUS & STEEL FOUNDRIES

PRODUCT	DETAIL
Partex	Parting Agent for easy stripping of Core & Mould. Director For Core Shooter.
Finalloy Chrome & Manganese	Ladle Addition to make graded C.I. Casting.
Liquicol (Liquid/ Powder)	Green Sand Additive against coal dust gives superb finishing.
Hotfix 65	For Joining Hot Resin Coated Cores.
Korfixer -1	Core Jointing Paste
Disulpheriser	Desulphering agent can decrease sulphur from 0.06
Dephos	Powerful dephosphering agent for C.I. and S.G. Iron Casting.
Ferro silicon Magnesium	F.S.M - (6 to 8%, 8 to 10% MG With Rare Earth) In Different Sizes.
Core Carbon 81	CARBORISER 90% / 93%
Innoculatns	Barium, Ferrosilicon based best Quality Innuculant.

Products for Aluminum Casting Foundries



Alfine (Covering Flux)



Aldegas (Degasser)



Grainofine (Nucleant)



Diecoat (For Gravity & Pressure Die Casting)



Ti - B Tablets



Coating

PRODUCTS FOR NON - FERROUS CASTING FOUNDRY

RANGE OF INNOVATIVE COVERING FLUXES, DEGASSERS & HI-TECH DIECOATS FOR THE NON FERROUS FOUNDRY

PRODUCT	DETAIL
Coverbrass	Protective covering flux to stop heavy melting loss, removes gases and impurities for uniform colour for copper based foundries. (Equivalent to Brasscover)
Deox Tube G-1	Powerful Deggasser to stop blow holes in copper based foundries.
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
Lead Fire	Modern R&D product to increase fluidity, remove limited lead & zinc from copper based alloys.
Zinc Fire	Removal of Zinc, increase fluidity and shining of Non-ferrous alloys.
Magrex	Hitech protective covering dry flux for magnesium based alloys. Stops melting loss and clean the melt.
Mould Paste 22	Graphite / Water Based Coating for Mould And Core
Mould Paste 55	Graphite / Thinner Based Coating for Mould And Core
AIFINE - 22	Covering Flux For Aluminium Casting
ALDGas - 1	Powerful Degasser For Aluminium Alloys
GRAINOFINE 2	Nucleant For Aluminium Alloys.
Diecoat G-9	White Water Base Die Coat for Gravity Die
Diecoat F -10	Black Water Base Die Coat for Pressure
Diecoat -0-11	Plunger Lubricant For Pressure Diecasting For Superb Finishing of Casting
Diecoat - 666	Silver Coloured Diecoat for Pressure Die Casting.

PRODUCTS FOR NON - FERROUS CASTING FOUNDRY

METASET EPOXY PUTTIES & METALIC COMPOUND PER SEALING, JOINTING & REPAIRING OF CASTINGS

PRODUCT	DETAIL
Fast Setting	Epoxy Putties for filling blow holes of casting.
Steel Filled	Metalic Filled Epoxy Compound for filling cracks of Casting.
Gunmetal Filled	Gun Metal Base Epoxy Compound For Gunmetal Casting.
Aluminium Filled	Aluminium Base Epoxy Compound For Aluminium Casting.
Copper Filled	Copper Base Epoxy Compound.
Partex	Parting Agent for easy stripping of Core & Mould. Director For Core Shooter.
Hotfix 65	For Joining Hot Resin Coated Cores.
Korfixer -1	Core Jointing Paste

High Quality Ferro Alloys



**Low Carbon
Ferro Manganese**



**High Carbon Ferro
Manganese**



**Low Carbon
Ferrochrome**



**High Carbon
Ferrochrome**



Ferro Silicon



Ferro Phosphorus



**Ferro Silicon
Manganese**



**Ferro Silicon
Calcium**



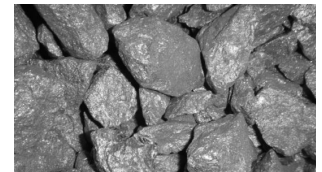
**Ferro Silicon
Magnesium**



Ferro Molybdenum



Moly Metal



Ferro Boron



Ferro Titanium



Ferro Sulphur

High Quality Minerals



Zircon Sand



Zircon Flour



Chromite Sand



Silica Sand



Resin Coated Sand



Olivine Sand



Bentonite

High Grade Carbon Additives



Graphite Granules (G.P.C.)



C.P.C



Coconut Shell Charcoal (Zero Sulphur)



Carboraiser



RPC (Raw Petroleum Coke)

Pure Metals



Molybdenum Metal



Nickle Metal



Chrome Metal



Selenium Metal



Manganese Metal

Spectrum of Advance Foundry Resin



Amicure

(Coldbox resin)



Carbon Cure 101

(Co2 resin-
2 part system)



Celloset

(Foundry grade
sodium silicate)



Finocure

(3-part no
bake system)



F-set

(Alphaset resin
system)



Korset

(Single part
air setting)



Kortel-75

(Premium
core oil)



Mould Paint-11

(Thinner)



PF-3003

(PF resin for resin
coated sand)



Celloset SS

(Silicate-
CO2 2part resin)



Furobond

(Acid cure phenolic
resin system)

Expoxy Putties & Metal Filled Compounds



Fast Setting

(For Jointing And Filling blow holes and cracks of metal, wood, pattern and casting)



Steel Filled

Salvage Ci Casting & Steel Casting



Gun Metal Filled

Fill Blow Holes



Brass Filled

(For Brass Casting)



Aluminium Filled

(Aluminium Casting)



Copper Filled

(For Copper Casting)

(To Fill Cracks, Blow Holes of Castings)

Copper, Gunmetal & Brass Based Foundries



Lead Fire

(Lead Remover)



Deox Tubes

(Degasser / Low Gas)



Coverbrass

(Covering Flux)



Exothermic Sleeves



Zinc Rex

(Zinc Remover)



Finhot Grade-NF

(Exothermic Compound)



Magrex

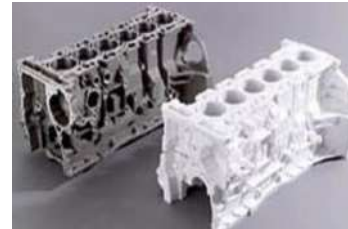
(Magnesium Covering Flux)

Lost Foam Foundries

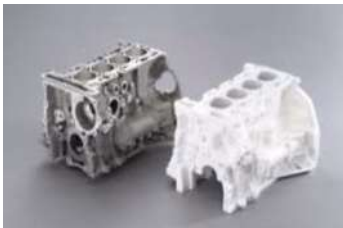
Lost-foam casting (LFC) is a type of evaporative- pattern casting process that is similar to investment casting except foam is used for the pattern instead of wax. This process takes advantage of the low boiling point of foam to simplify the investment casting process by removing the need of melt the wax out of the mould.



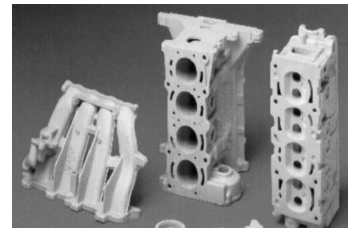
FOAMCOAT – 99.



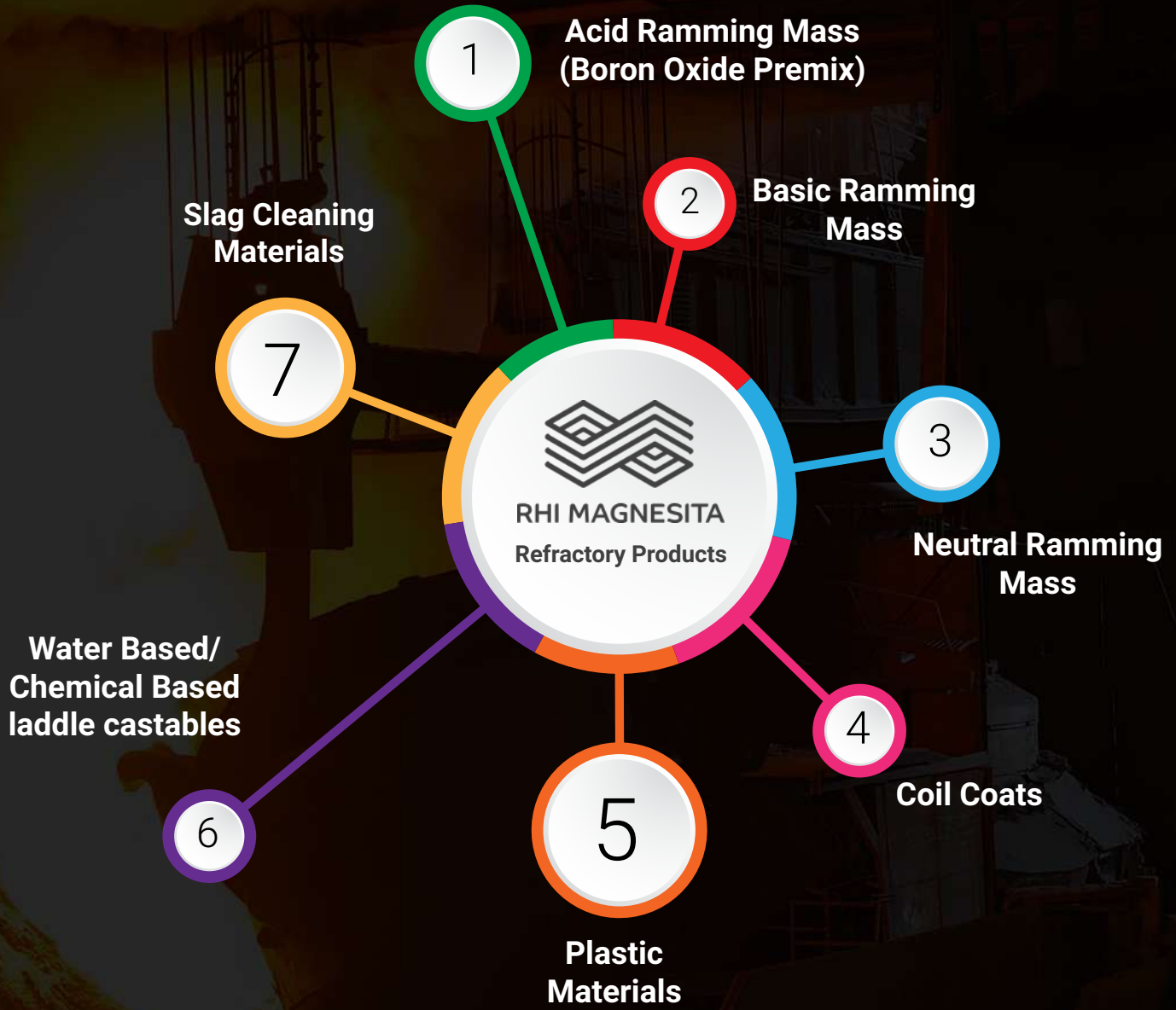
FOAMCOAT – AL20.



FOAMCOAT – SG100.



FOAMCOAT – HT-100.







Get in Touch



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