



kuralay
metalurji

For Your All Foundry Solutions

Highest Quality, Ready on Time, Reasonable Price

Heading 1

BORNE
OF
FIRE™

the

FOUNDRYMAN

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Gebze-Kocaeli/Türkiye

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Kuralay Metalurji Founded in 2013 with the lots of experience and understandings of foundry. Since 2013, Kuralay Metalurji got famous worldwide companies's distributionship in Türkiye and for neighborhood countries

And still growing...

What is the key products?

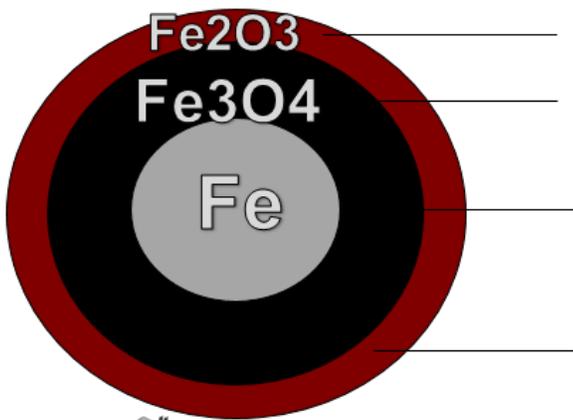
We are specialist for mold and core products that starts from sand to coating...beside this we are offering some different products with the benefits...

- **Sand Additives (Iron Oxides)**
- **Special Sands (Ceramic sand, ready to used sand)**
- **All kind of Resins (Alphaset,Furan,Cold Box)**
- **Foundry Coatings (Solvent and Water Base)**
- **Release Agents (For Moulds, Core Boxes and Green Sand)**
- **Core and Mold Glues (Slow Glue, Fast Glue)**
- **Investment Casting Products (Wax,Collodial Silica,Zircon,Mullite, Anti Foam, Wetting Agents)**
- **Special Recarburisers (Pelletised, GPC, GPR)**

Sand Additives



SphereOx – Chemistry How and Why it Works



Fe₂O₃ For Excellent Gas Removal

Fe₃O₄ For Plasticity And Smooth Surface Finish

Fe For Incredible Chill. Better Than Chromite Sand.

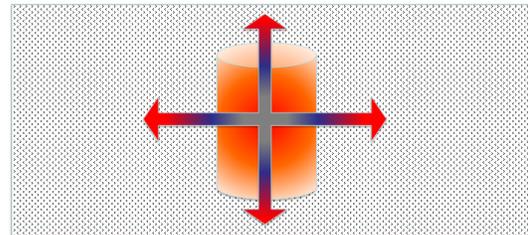
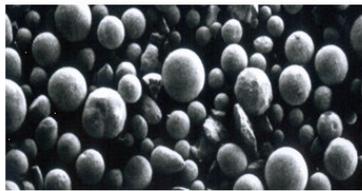
Round Shape For Best Permeability, Best Tensile Strength, Lowest Resin Requirement

Differences Than Others

- No need to increase Resin Ratio
- Eliminating the Gas Defects
- No need Coating For Small Cores



The *spherical shape* increases tensile strength, maintains gas permeability, and has no resin demand



SphereOx Pulls Heat From The Core, Cooling The Casting Faster And Creating a "Skim Layer" Quickly. This Helps To Prevent Penetration And Veining.



Foundry Coatings



We Offer Wide Range of Coatings

Product name	Main refractory	Application	Remarks
Water based coatings			
RWB 1001	Zircon	Steel and heavy iron	excellent choice for brushing and flow coating
RWB 3321	Phyllosilicates	Automotive	effective anti-veining dipping coating
RWB 3341	Phyllosilicates	Automotive	anti-veining dipping coating
RWB 3521	Phyllosilicates	Automotive	anti-veining dipping coating with improved release
RWB 3861	Phyllosilicates	Automotive	versatile anti-veining dipping coating
RWB 6003	Alumina	Steel and heavy iron	high wear resistance, for brushing and flow coating
RWB 6362	Phyllosilicates	Heavy iron	versatile flow coating
RWB 8361	Mullite	Automotive	versatile dipping coating
RWB 5802	Carbon	Socket cores	excellent strip and protection
FM 6001-R1	Alumina	Full mould steel	colour changing version, excellent choice for spraying and flow coating
FM 6051	Alumina	Full mould steel	excellent choice for spraying and flow coating
FM 8502	Mullite	Full mould iron	excellent choice for spraying and flow coating



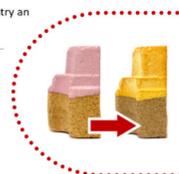
Durrans -R1 Coatings

INTRODUCING A NEW RANGE OF WATER-BASED COLOUR CHANGE INDICATOR COATINGS

Our new colour change -R1 coatings offer the foundry industry an indicative tool to gauge surface dryness.

Our -R1 coatings are compatible with all commonly used binder systems and most filler combinations.

Use in conjunction with our high solids, low water absorption formulations.



for your all foundry solutions

Foundry Coatings



We Offer Wide Range of Coatings

Alcohol based coatings			
RSB 1002	Zircon	Steel and heavy iron	excellent choice for brushing and flow coating
RSB 2002	Zircon	Steel and heavy iron	penetration coating
RSB 3002	Phyllosilicates	Automotive	effective anti-veining flow coating
RSB 3321	Phyllosilicates	Automotive	effective anti-veining dipping coating
RSB 3521	Phyllosilicates	Automotive	anti-veining dipping coating with improved release
RSB 3822	Phyllosilicates	heavy iron	versatile anti-veining flow coating
RSB 4401	Magnesia	Manganese steel	excellent choice for brushing and flow coating
RSB 5302	Carbon	Non-ferrous, Grey Iron and Ductile Iron	excellent choice for brushing and flow coating
RSB 6002	Alumina	Steel and heavy iron	high wear resistance, for brushing and flow coating
RSB 7022	Olivine	Iron	versatile flow coating
RSB 8502	Mullite	Heavy iron	flow coating
RSB 8532	Mullite	Heavy iron	versatile flow coating
RSB 9002	Alumina	Steel and heavy iron	excellent choice for brushing and flow coating



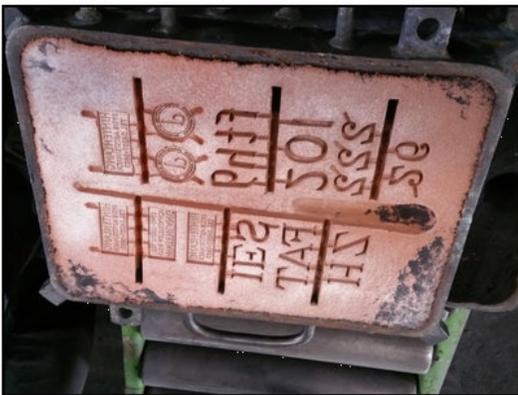
Auxiliary Products



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We are Producing...

- Fast Glues
- Slow Glues
- Core Pastes
- Release Agents
- ...

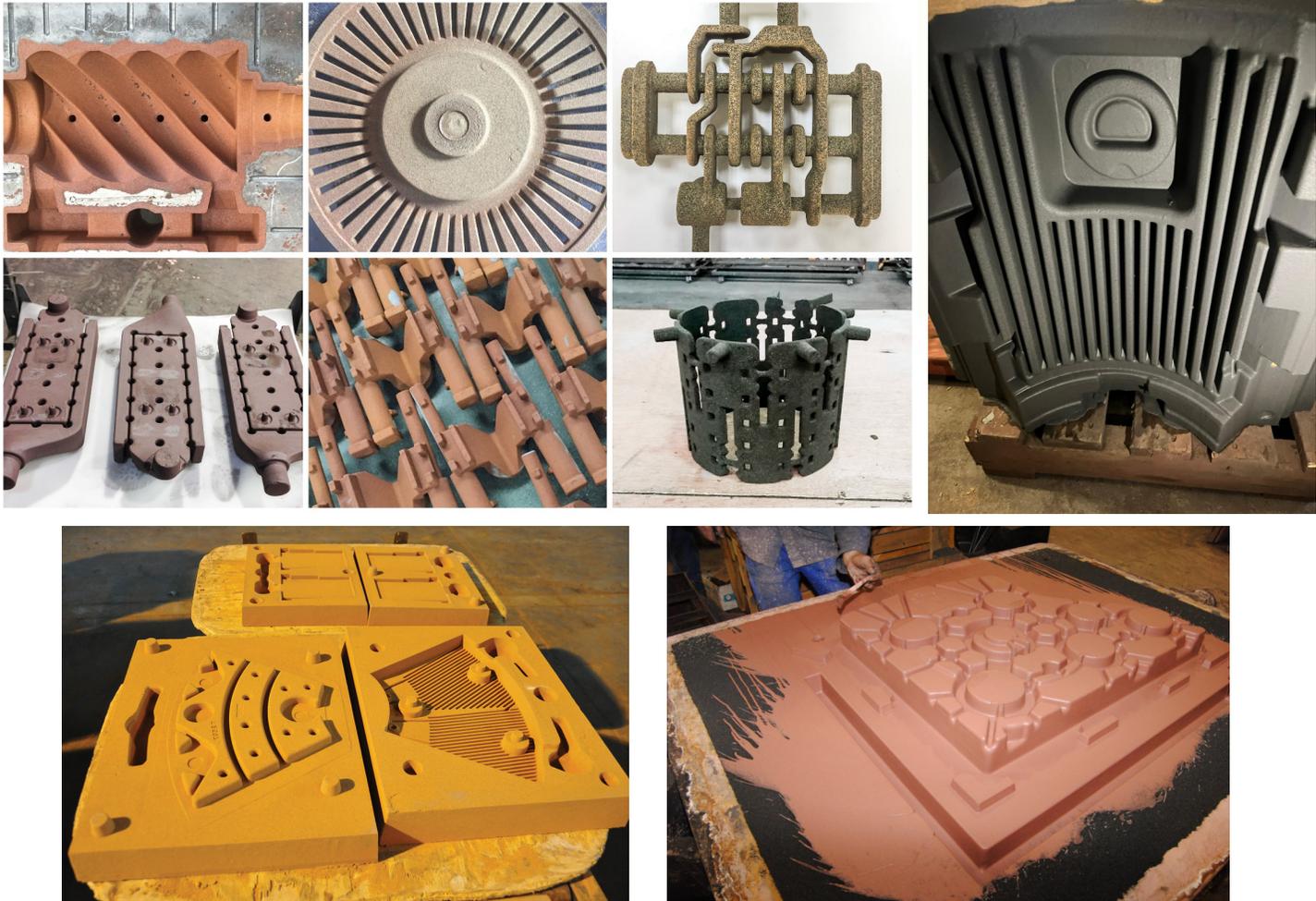


Resins



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- COLD BOX RESINS
- ALPHASET RESINS
- FURAN RESINS
- CO2 BONDED RESINS
- RESIN COATED SANDS



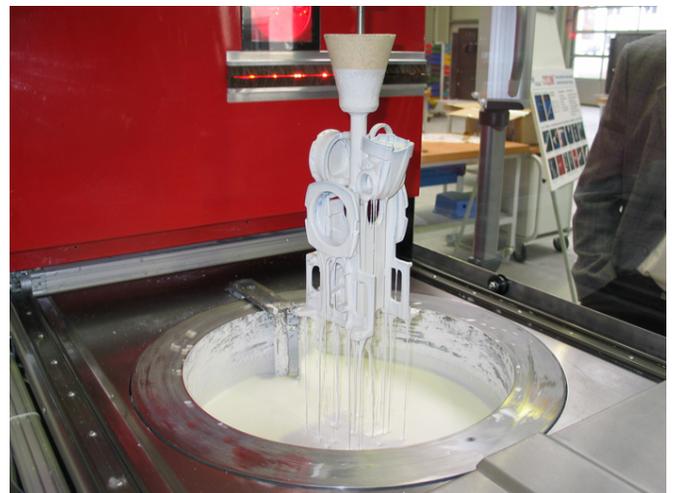
Investment Casting Products



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We supply all products that needed for investmet casting

- Virgin Wax, Recycled Wax, Sticky Wax, Water Soluble Wax
- Colloidal Silica (Normal and Fast Dry)
- Zircon Sand, Zircon Flour
- Mullites (16/30, 30/80, 200 Mesh)
- Anti Foam, Wetting Agent



Contact us

For detailed guidance click the link below for a detailed PDF.

<https://www.kuralaymetalurji.com.tr/>

For more contact information see below:

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