



Product Brochures

RH-Degasser



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SACAS
ISO 9001:2015

SACAS
ISO 14001:2015

SACAS
OHSAS 18001:2007

Iron & Steel Industry

Products and services

Background of Delta Refractories

We supply the following services:

- Production of acid and basic monolithic refractories
- Design and development of own mixes in accordance with the client's needs
- Representation of a number of overseas and local suppliers
- An independent testing laboratory
- Turnkey project management
- Design and estimation, including CAD drawings
- Refractory consultation and arbitration

Our production facility:

- Is situated in Vereeniging, 60 km south of Johannesburg
- Has a capacity of ~1600 ton per month for single shift production
- Employs ~30 permanent staff

Products and services range:

- Ramming, gunning, plaster, pumpable, mortars and others.
- Dense and light weight castables (acid and basic)
- Special monolithics for continuous casting
- Special monolithic refractory materials on request
- Imported products:
 - Fusion cast refractories from Motim in Hungary.
 - Magnesia chrome, SiC, magnesia carbon, magnesia alumina carbon and others direct from Wonjin in Korea and China
- Installation services and supervision over product application are available
- Consultancy services with regards to process development in pyro-metallurgical industries

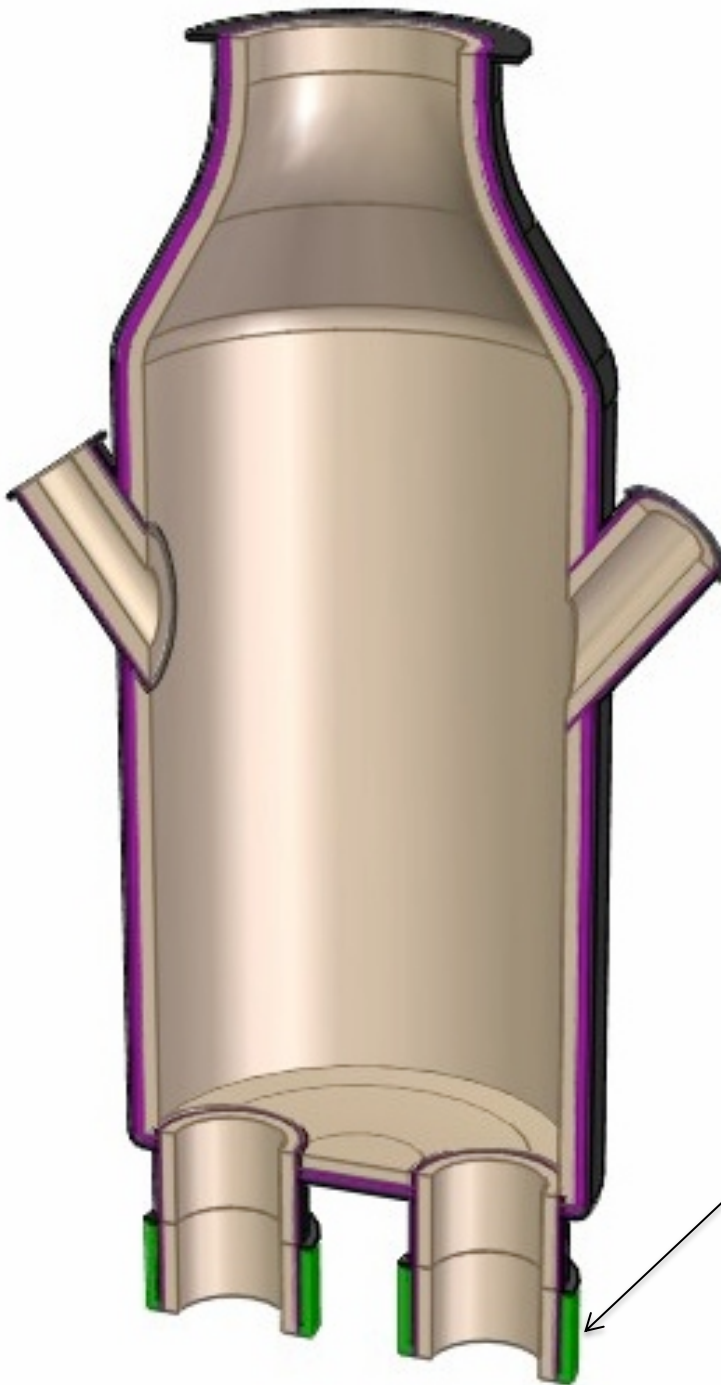
Product Range	Description
Delta Cast [®]	LCC, ULCC and NCC range 1300 to 2000 OC
Delta Crete [®]	Conventional castable range 900 to 2000 OC
Delta Gun [®]	Acid and basic gunning, hot/cold, 1200 to 2000 OC
Delta Ram [®]	Acid and basic ramming for ladles and furnaces
Delta Plast [®]	Acid and basic plaster materials 1300 to 1800 OC
Delta Flow [®]	Free flow acid range 1300 to 2000 OC
Delta Floc [®]	Slag coagulant range
Delta Cover [®]	Ladle and tundish insulating cover materials
Delta Thermo Cover [®]	Range of refractory paints for protection of carbon containing refractories
Delta Chem [®]	A cement free chemically bonded range 1300 to 2000 OC
Delta Pump [®]	Range of pumpable materials 1300 to 2000 OC
Delta Set [®]	Acid and basic mortar ranges 1300 to 2000 OC
Delta Fill [®]	Ladle well filler and furnace taphole fillers
Delta Melt [®]	Slag viscosity modifiers

Delta Refractories (Pty) Ltd
9a Telford Street
Vereeniging, South Africa

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Website
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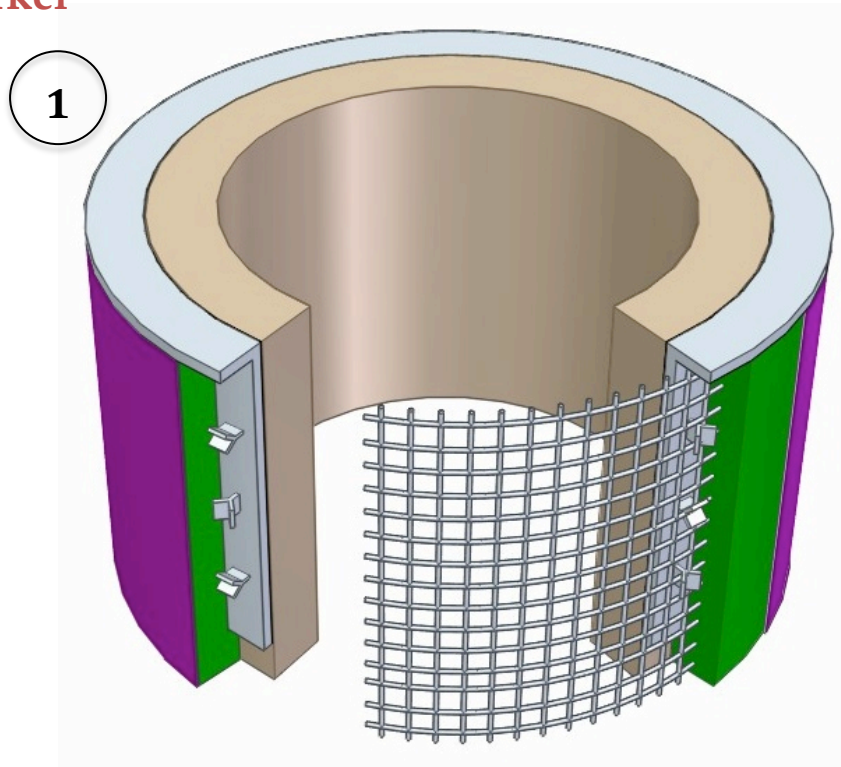
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Snorkel



Snorkel outer		Snorkel inner	
	Delta Cast® 100		Delta Cast® 100
	Delta Cast® 102		Delta Cast® 102
	Delta Cast® 105		Delta Cast® 105
	Delta Cast® 106		Delta Cast® 106
	Delta Cast® 154	Snorkel maintenance	
	Delta Cast® 155		Delta Gun® 203

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DELTA REFRACTORIES (PTY) LTD.

Revised:

2013/07/18

Product datasheet for the RH-Degasser

Description	Remarks	Base Raw Material	Max temp ° C	SiO ₂	Al ₂ O ₃	CaO	MgO	Fe ₂ O ₃	TiO ₂	Na ₂ O	K ₂ O	Max grain size mm ²	CCS Mpa 110C	BD g/cm ³
Delta Cast [®] 100 °	LCC	Alumina	1900	<0.1	96.0	1.5	0.1	-	1.0	-	-	6	35	3.15
Delta Cast [®] 102 °	LCC	Alumina	1900	<0.2	94.4	2.2	3.2	-	-	-	-	6	>70	3.00
Delta Cast [®] 105 *	LCC	Alumina	1900	<0.1	94.7	2.2	3.2	-	-	-	-	6	>70	3.00
Delta Cast [®] 106	LCC	Alumina	1900	<0.1	98.5	1.5	-	-	-	-	-	7	120	3.30
Delta Cast [®] 154 °	LCC	Alumina	1850	<1	>87	1-3	9-11	-	-	-	-	7	>70	2.90
Delta Cast [®] 155 * °	LCC	Alumina	1850	<1	>84	1-3	10-12	-	-	-	-	7	>30	2.90
Delta Chem [®] 200	NCC	Alumina	1800	2.8	97.1	-	-	-	-	-	-	6	>60	3.02
Delta Gun [®] 203	NCC	Magnesia	1800	<5	<5	<2	>88	<2	<1	<2	-	3	-	2.92

Key LLC Low cement castable * Spinel containing
 NCC No cement castable ° Spinel forming