

Perfect shape

NF Products for Die Casting,
Permanent Mould Casting and Melt Treatment



Our NF Product Range



Hüttenes-Albertus offers foundries modern and efficient products for the production of cast parts made of non-ferrous metal alloys.

Today, release agents, die coatings and melt treatment agents are always tailored to the customer’s specific alloys and application. This makes it possible to achieve the highest possible functionality in non-ferrous metal casting while using lowest possible product quantities.

Mould Release Agents High-Pressure Die Casting

Permanent coating
HA Trennstoff DPw 222B

Application before each shot
Conventional:
FTw 03 / FTw 05

Very low wax:
Eco Lube 108-B / Eco Lube 119

Wax free:
Eco Lube 107 / Eco Lube 108

Silicone-free:
DCw 116 / HA Trennsol® FTs 55 /
Eco Lube 121 (for Zn)

Mould Release Agents Squeeze Casting

HA Kokillenschlichte KS 84
HA Eco Coat 189

Piston Lubes

Liquid piston lube
HA Kolbentrennstoff KTf 32

Pelletized piston lubes
HA Trennpellets KTp 35,
KTp 36, KTp 37, KTp 38

Permanent Mould Coatings

Coatings for gravity and low-pressure die casting

Protective coatings for runner and transport ladles
Schutzanstrich 855 W

Die coating			
Base and top coating, low insulation	Base and top coating, good insulation	Base and top coating, high insulation	Release coating
KS 83	KS 94	KS 81	KS 84
KS 92	HA Eco Coat 183		DCw 212
HA Eco Coat 182	HA Eco Coat 185		Eco Coat 179

Application Systems

Application systems for release agents
TKM 450 spray gun
TKM 900 spray gun
HA Trennsol® TV
HA Trennsol® NGDE 2

Application systems for piston lubes
Pellet Feeder
Mobile Pellet Feeder

Auxiliaries and Pastes

Die paste
HA Trennstoff FTp 62

Assembly paste
HA Trennpaste CP 70

Ladle coating
HA Trennpaste AL 72 (for iron/steel)
HA Eco Coat CL (for ceramics)

Melt Treatment for Al, Mg, Zn, Pb and Cu Alloys

Equipment HA Rotorject

Al alloy cleaning HA Eco Flux / Coverlux / Cover

Al alloy treatment Veralux / Veralux G / Exomod

Al alloy grain refining Silifin

Degassing / gassing Gasex / Ecogas

Exothermic feeder additives Luxotherm / Exofeed

Melt treatment for Al alloys					
Function	Product	Form	Funktion	Produkt	Form
Gassing	Diecasting Flux 5	G	Na treatment	Veralux SH10	T 200 g
	Ecogas Al 4	T 200 g		Exomod Al 14 (quick)	T 200 g
Ca removal / cleaning	Ecopure Al 170 (Na-free)	P	Furnace wall cleaning	Ecoflux 152	P
	Ecopure Al 171	P	Cleaning	Ecoflux 150	P
Degassing	Ecogas 16	T 200 g		Ecoflux 151	P
Exothermic feeder additive (coating powder)	Luxotherm L9 LT	P		Ecoflux 154	P
	Exofeed Al 413 (for larger diameters)	P	Cleaning / skimming (also Na-free)	HMC 37	P
	Luxotherm S (slow)	P		Cover 134	P
	Exofeed Al 415 (quick)	P		Coverlux 0021	P
				Ecoflux 161	P
				Ecoflux 164	P
Grain refining	Silifin 165	T 200 g		HMC 61	P
	Silifin VM1655	T 500 g		Ecoflux 146	P
Mg removal	Demagger B	P		Ecoflux 165	P
				Ecoflux 143	P
				Ecoflux 163	P

P = Powder / T = Tablet / G = Granules

Our product range also includes further products for copper, magnesium and zinc alloys.

The product information provided in this brochure reflects our current knowledge and experience. The content is only indicative due to the variety of application possibilities. The user is responsible for determining whether a product is fit for a particular purpose.

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