

# 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.

## 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

## 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

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

## HÜTTENES-ALBERTUS

CHEMISCHE WERKE GMBH

Wiesenstraße 23

40549 Düsseldorf

Phone: +49 211 5087 -0

Fax: +49 211 500560

pm@huettenes-albertus.com

www.huettenes-albertus.com