

CERAMIC AUXILIARIES

REFRACTORIES

Product overview



ZSCHIMMER & SCHWARZ

LATEST DEVELOPMENTS

PRODUCT	MAIN APPLICATION
DOLAPIX FF 54	Dispersant
PRODUKT KB 1289	Binding and pressing / reduced water
PRODUKT KS 1199	Foaming agent
PRODUKT KX 2056	Cement setting
PRODUKT KX 2057	Deflocculant / gunning / reduced water
SILUBIT FB 70	Deflocculant

CEMENT-FREE Al_2O_3 -MgO CASTABLES

Binding system based on silica sole

- ▶ LITHOSOL 1530 + GIESSFIX PT 88 + DOLAPIX FF 44

CEMENT-FREE CASTABLES

Setting accelerator for silica sole

- ▶ LITHOSOL 1530 + KERAFLOC A 4067
- ▶ LITHOSOL 1530 + KERAFLOC A 4071
- ▶ LITHOSOL 1530 + ZUSOPLAST G 112 for cold conditions

AUXILIARIES FOR BODY PREPARATION

PRODUCT	MAIN APPLICATION
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FLOCCULANTS

KERAFLOC AL
FLUESSIG

Flocculant for silica sole

KERAFLOC AL
PULVER

Flocculant for silica sole

WATERGLASS HARDENER

LITHOPIX P 26

Controlled, irreversible precipitation
of silicic acid

WETTING AGENTS

GLYDOL 1195

Blast furnace taphole bodies, carbonic
ramming and extrusion bodies

GLYDOL N 1003

Wetting agent and plasticiser for clay-
containing bodies, ramming mixes

GLYDOL N 1055

Wetting agent and plasticiser for clay-
containing bodies, castables

GLYDOL N 2002

Blast furnace taphole bodies, carbonic
ramming and extrusion bodies

PRODUCT MAIN APPLICATION**SETTING ACCELERATORS / RETARDANTS**

LITHOPIX LCA Cement-bonded bodies / retardant

SILUBIT BL 05 Cement-bonded bodies / accelerator

SILUBIT P 67 Cement-bonded bodies

CHEMICAL BINDERS

LITHOPIX AS 21 Cement-free gunning mixes

LITHOPIX AS 36 Cement-free gunning mixes

LITHOPIX AS 85 Neutral, cement-free vibration bodies

LITHOPIX P 1 Bodies and bricks

LITHOPIX P 2 Storable, workable bodies

LITHOPIX P 4 Acidic ramming and gunning mixes

LITHOPIX P 5 Basic vibration and casting bodies

LITHOPIX P 6 Basic brick, ramming and gunning mixes

LITHOPIX P 8 Basic brick, ramming and gunning mixes

LITHOPIX P 9 Neutral brick, ramming and gunning mixes

LITHOPIX P 15 Neutral bodies and mortars

LITHOPIX P 33 Neutral brick, ramming and gunning mixes

LITHOPIX P 40 Storable, workable bodies

LITHOPIX P 56 Gunning mixes for hot repairing

LITHOPIX P 91 Bodies and mortars from neutral raw materials

LITHOPIX P 92 Ready-to-use mortars

LITHOPIX S 2 Mortars, gunning mixes and core sands

LITHOPIX S 3 Mortars, gunning mixes and core sands

LITHOPIX S 12 Tundish gunning mixes

LITHOPIX S 66 Mortars, gunning mixes and core sands

LITHOPIX ST 5 Insulating tundish gunning mixes

LITHOSOL 1530 Ceramic fibres, castables

LITHOSOL 1540 Ceramic fibres, castables

SILUBIT FB 10 Binder and thixotropic agent for vibration bodies

SILUBIT FB 29 Binder and thixotropic agent for vibration bodies

SILUBIT FB 70 Binder and thixotropic agent for vibration bodies

SILUBIT H 19 Low-cement gunning mixes

PLASTICISERS / STABILISERS

PEPTAPON 5 Stabiliser for pressing, ramming and extrusion bodies

PEPTAPON 9 Stabiliser for pressing, ramming and extrusion bodies

PEPTAPON 71 S Stabiliser for pressing, ramming and extrusion bodies

ZUSOPLAST C 39 Pressing, ramming and extrusion bodies

ZUSOPLAST PS 1 M Pressing, ramming and extrusion bodies

PRODUCT **MAIN APPLICATION****POROSITY-INDUCING AGENTS**

CELLOTIN PP 6	Dewatering aid
CELLOTIN ZZ 8/1	Insulating tundish gunning mixes, also used as a separation inhibitor
GLYDOL N 1058	Foam ceramics
PORLAT K 85-90	Targeted adjustment of pore size, pore volume and pore distribution

PRESSING AGENTS

ZUSOPLAST 126/3	Dry pressing bodies and extrusion bodies
ZUSOPLAST 5012	Basic dry pressing bodies, also water-free
ZUSOPLAST E 1	Basic dry pressing bodies, also water-free
ZUSOPLAST O 59	Dry pressing bodies and extrusion bodies

DUST-BINDING AGENT

ZUSOPLAST S 13 SPEZIAL	Gunning mixes
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TEMPORARY BINDERS

LITHOPIX LCA	Increase of green and dry strength
OPTAPIX AC 15	Increase of green and dry strength
OPTAPIX AC 51	Increase of green and dry strength
OPTAPIX AC 112	Increase of green and dry strength
OPTAPIX PAC 60	Mortars
OPTAPIX PAF 35	Increase of green and dry strength

RELEASE AGENTS

TRENNEMULSION W 165	Release agent for refractory parts
ZUSOPLAST O 59	Clay-containing pressing, squeeze and extrusion bodies

DEFLOCCULANTS / DISPERSANTS

DOLAPIX CE 64	Oxidic bodies, also cement-bonded
DOLAPIX FF 1	Oxidic bodies, also cement-bonded
DOLAPIX FF 7 SPEZIAL	Oxidic bodies, also cement-bonded
DOLAPIX FF 26	Free of microsilica, also cement-bonded
DOLAPIX FF 44	Contains microsilica, also cement-bonded
DOLAPIX FF 54	Contains microsilica, also cement-bonded
GISSFIX PT 88	Oxidic bodies, also cement-bonded

OTHERS

ZUSOPLAST G 112	Anti-freezing solution for cement, silica sole and waterglass-containing bodies
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CONTACT US



ZSCHIMMER & SCHWARZ GROUP

Zschimmer & Schwarz is an internationally active company with headquarters in Lahnstein near Koblenz, Germany. The company has been family-owned since its foundation in 1894 in Chemnitz, Germany.

Our core business is the development, production and supply of tailor-made chemical auxiliaries for the leather, ceramic, textile and chemical fibre industries. Manufacturers of cleaning agents, personal care products, paints and coatings, lubricants and industrial applications all over the world trust in the company's chemical specialities as well.

The corporate group Zschimmer & Schwarz comprises 28 companies in 16 countries on five continents, 21 of which have their own production facilities. Our customers can always rely on a uniform quality standard worldwide and equally on the high service orientation of our local experts.



Chemistry tailor-made

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For more information about our ceramic auxiliaries and lab equipment, please visit zs-showroom.com/ceramics