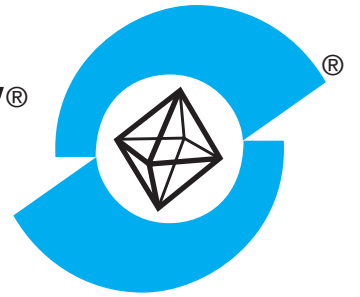


LACH DIAMANT®



Donaustr. 17 · D-63452 Hanau
Tel. 49 61 81 103-0 · Fax 49 61 81 103-860
office@lach-diamant.de · www.lach-diamant.de

Diamant-Paste »MF«

for intensive diamond lapping and polishing in the tool making, mould and die construction industry, in lab operations, in the semiconductor and laser industry.

Micro lapping and sharpening of all high precision performance



What can be expected today from a diamond paste.

a) High stock removal rate

The range of natural and synthetic diamond grits is large. LACH DIAMANT, as a manufacturer of Diamond and CBN tools knows all variations and varieties between natural and synthetic diamonds and possesses the know-how to apply this to your advantage.

b) Grit tolerance

The association of all European manufacturers of grinding medium, the FEPA has confronted decisively the problems with grit tolerance. It is now precisely defined, Diamond pastes »MF« have profited from this.

c) Diamond concentration

Not a hot subject anymore. Since it has been recognized that a tininess of fine diamond grits

occupies a lot of space while the size of coarse grits occupies very little space.

Trade-off: Coarse grits are manufactured with same concentration indication with more diamond content (Example: Concentration Series 500 and Series 550). For this reason the higher price for diamond grits from 10 µ on can partially be explained.

The best alternative is Diamond Paste »MF«.

d) Solubility and thermal stability

This is a question of the paste substrate. Modern chemical substrates and only these are used in diamond paste »MF«. »MF« pastes made by LACH DIAMANT are soluble in oil and simultaneously in water:

The substrate used by LACH DIAMANT is

resistant to frictional heat even under extreme conditions.

e) Chemistry once more

Chemical neutrality is desired for many purposes. LACH DIAMANT paste »MF« possesses that chemical neutrality.

f) Pastes + Diamond = Purchase Price = Cost effectiveness

LACH DIAMANT offers the best alternative and a fair price: diamond pastes »MF«.

g) Would you like to know more about LACH Diamond Pastes?

Contact the LACH DIAMANT sales office.

Diamond Paste »MF«	Diamond Grit µ	Color Code	5 gram Article No.	10 gram Article No.	20 gram Article No.
Series 500 High diamond concentration For intensive lapping/polishing with strong diamond concentration. Especially suited for the manufacturing of micro and super-polished surfaces, precision finishing for measuring and touch surfaces. Suitable for all materials, such as hardened steel, carbides, ceramics and similar materials, where quick material removal and best surface quality is required.	0.25	pink	35250012	35250013	35250015
	0,7	white	35250022	35250023	35250025
	1	light blue	35250032	35250033	35250035
	3	green	35250042	35250043	35250045
	7	yellow	35250052	35250053	35250055
	15	light brown	35250062	35250063	35250065
	30	dark brown	35250072	35250073	35250075
	50	magenta	35250082	35250083	35250085
Series 550 Very high diamond concentration For intensive lapping/polishing with very strong diamond concentration. Especially suited for the manufacturing of micro and super-polished surfaces, precision finishing for measuring and touch surfaces and for all materials, such as hardened steel, carbides, ceramics and similar materials, where quick material removal and best surface quality is required.	0.25	pink	35255012	35255013	35255015
	0,7	white	35255022	35255023	35255025
	1	light blue	35255032	35255033	35255035
	3	green	35255042	35255043	35255045
	7	yellow	35255052	35255053	35255055
	15	light brown	35255062	35255063	35255065
	30	dark brown	35255072	35255073	35255075
	50	magenta	35255082	35255083	35255085
Series 700 Medium diamond concentration for standard use. Standard paste for the mould and tool industry as well as for surface finishing of rolls made of hardened steel, carbide, chilled cast iron and similar materials where a medium diamond concentration is required for economical use.	1	light blue	35270032	35270033	35270035
	3	green	35270042	35270043	35270045
	7	yellow	35270052	35270053	35270055
	15	light brown	35270062	35270063	35270065
	30	dark brown	35270072	35270073	35270075
	50	magenta	35270082	35270083	35270085
Series 900 Economical diamond paste for universal use. Especially used and suitable for mass produced parts and for repairs of moulds and tooling.	1	light blue	35290032	35290033	35290035
	3	green	35290042	35290043	35290045
	7	yellow	35290052	35290053	35290055
	15	light brown	35290062	35290063	35290065
	30	dark brown	35290072	35290073	35290075
	50	magenta	35290082	35290083	35290085

* Quantity discount on request.

Thinning and Reactivation agents for Diamond pastes and Diamond lapping compound »MF«

Fluid »MF« Spray can Article No. 35150000
Fluid »MF« 5 liter canister Article No. 35151000