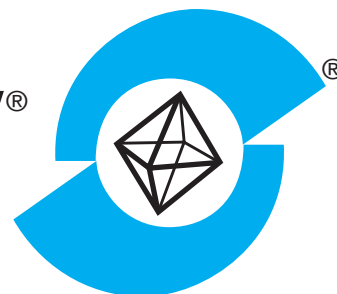


# **LACH DIAMANT®**



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## **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	Prices in EURO for Metering Syringes/Content each:					
			5 gram		10 gram		20 gram	
			Article No.	Euro/each	Article No.	Euro/each	Article No.	Euro/each
<b>Series 500</b> 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	34.00	35250013	63.00	35250015	119.00
	0,7	white	35250022	34.00	35250023	63.00	35250025	119.00
	1	light blue	35250032	32.00	35250033	59.00	35250035	110.00
	3	green	35250042	35.00	35250043	67.00	35250045	129.00
	7	yellow	35250052	51.00	35250053	98.00	35250055	185.00
	15	light brown	35250062	65.00	35250063	124.00	35250065	233.00
	30	dark brown	35250072	81.00	35250073	153.00	35250075	282.00
	50	magenta	35250082	106.00	35250083	196.00	35250085	352.00
<b>Series 550</b> 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	48.00	35255013	88.00	35255015	164.00
	0,7	white	35255022	48.00	35255023	88.00	35255025	164.00
	1	light blue	35255032	46.00	35255033	85.00	35255035	160.00
	3	green	35255042	56.00	35255043	101.00	35255045	186.00
	7	yellow	35255052	74.00	35255053	130.00	35255055	244.00
	15	light brown	35255062	95.00	35255063	172.00	35255065	321.00
	30	dark brown	35255072	134.00	35255073	234.00	35255075	431.00
	50	magenta	35255082	158.00	35255083	261.00	35255085	475.00
<b>Series 700</b> 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	38.00	35270033	68.00	35270035	132.00
	3	green	35270042	38.00	35270043	68.00	35270045	132.00
	7	yellow	35270052	38.00	35270053	68.00	35270055	132.00
	15	light brown	35270062	38.00	35270063	68.00	35270065	132.00
	30	dark brown	35270072	38.00	35270073	68.00	35270075	132.00
	50	magenta	35270082	38.00	35270083	68.00	35270085	132.00
<b>Series 900</b> 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	18.00	35290033	33.00	35290035	63.00
	3	green	35290042	18.00	35290043	33.00	35290045	63.00
	7	yellow	35290052	18.00	35290053	33.00	35290055	63.00
	15	light brown	35290062	18.00	35290063	33.00	35290065	63.00
	30	dark brown	35290072	18.00	35290073	33.00	35290075	63.00
	50	magenta	35290082	18.00	35290083	33.00	35290085	63.00

\* Quantity discount on request.

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

Fluid »MF« Spray can Article No. 35150000 Price Euro 10.50 each  
Fluid »MF« 5 liter canister Article No. 35151000 Price Euro 98.00 each