

MICRONIZED COMPOUND NON-ALTERABLE



**SPEED OF EXECUTION
GOOD RESULTS, TEMPORAL INALTERABILITY
ECONOMIC OPERATION**

Made using highly adhesive binders combined with abrasives of optimal grain size uniformity, MICROVAL G compound clearly stand out from competing products and allow the results listed above to be easily achieved.

MICROVAL TYPE

In order to satisfy all operational needs, the MICROVAL G micronized compounds are produced in two different abrasive classes: **YELLOW** & **GREY** and in the following standard grits :

3 micron	-	FEPA	1.200
5 micron	-	FEPA	1.000
7 micron	-	FEPA	800
9 micron	-	FEPA	600
15 micron	-	FEPA	400
25 micron	-	FEPA	360
30 micron	-	FEPA	320
45 micron	-	FEPA	240
60 micron	-	FEPA	180

CHARACTERISTICS

YELLOW CLASS where special aluminium oxides are used, which are very hard and have an extremely regular grain.

GREY CLASS where a mixture of carbides and metal oxides is used, with the aim of obtaining a more aggressive product and therefore more suitable for attacking tempered metals.

The following golden rule applies to both classes: CONCENTRATION IS DIRECTLY PROPORTIONAL TO THE SEVERITY OF THE WORK.

MICROVAL G micronized compounds, above all, are highly appreciated because they demonstrate:
HIGH THERMAL STABILITY. TOTAL CHEMICAL NEUTRALITY. ABSENC OF VOLATILE SOLVENTS.
TOTAL INALTERABILITY.

Depending on the work requirements, the MICROVAL G micronized compounds can be diluted with low viscosity mineral oil, or with the specific **VALDOL MP** product, which allows the viscosity of the compound to be lowered without altering its characteristic agglomerating potential.

FLUIDIFICATION

Fluidification, or lowering of viscosity, is necessary when the compound must be applied in very narrow places, where the standard product has difficulty fitting.

In these cases, one of the two following procedures can be used without any difficulty:

- TEMPORARY

It is sufficient to heat the jar up to a temperature of about 40° - 45 °C, mixing the compound until it becomes fluid and uniform and can be applied on site; with a spatula or with another system.

Once the operation is finished, the compound is left to cool, stirring from time to time until it has returned to its original viscosity; ready for other uses!

- DEFINITIVE

In this case a real fluidification is carried out by means of a lubricating oil or, better, with a special **VALDOL MP** diluent.

You can operate as in the previous case with moderate heating action (on the entire contents of the jar or on a portion of it) and finally add the fluidifier. Or, more simply, by cold mixing the products together. Last technique, however, recommended only for small quantities.

It's essential that the micronized compound is NOT overheated! Thermal fluidification, when too strong, causes the abrasive to separate, which quickly precipitates to the bottom of the container.

If this has happened, to restore the original quality, simply let the paste cool (stirring at the same time), until it reaches a consistency that no longer causes the abrasive to precipitate onto the bottom.

If this has already happened and the compound has already cooled, it must be reheated until it begins to melt.

Then mix to achieve a homogeneous dough and proceed as above.

PACKAGES

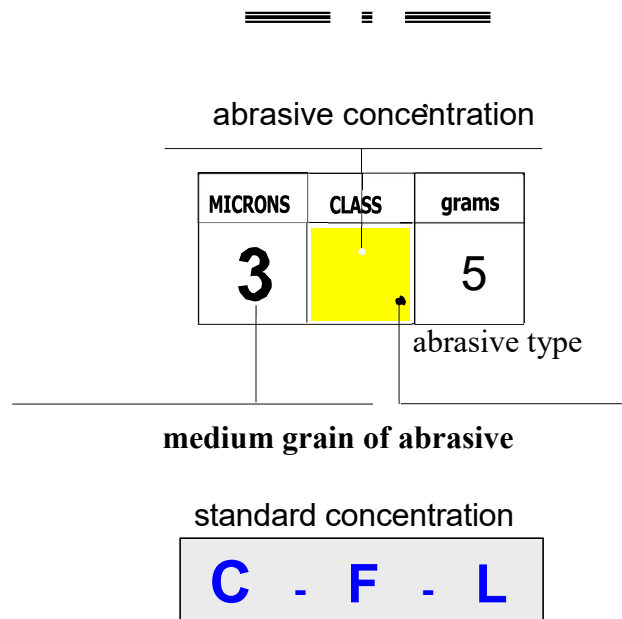
Micronized compounds MICROVAL are sold in jars: 100 gr or 150 gr to have an optimal dosage of the product in the so-called minimal jobs. Or in jars of 500 gr or 1.000 gr for the most demanding operations, where the use of micronized compounds represents daily practice.

LABELLING

The label of MICROVAL G compound is designed to allow a quick and safe choice of the product you intend to use. In addition to indicating the weight of the package, it has printed, in the center, the identifying color of the type (class) of abrasive powder used to create the paste and its concentration.

The last is reported with the alphabet letters, so that it is not confused with the weight numbers (in small on the right) and the grain (in bold on the left).

It is also important to remember that the number of microns on the label expresses the **average value** of the grains used in the specific composition; especially for the yellow type.



The information contained in this sheet represents the best of our current knowledge on the subject, without however providing guarantees on their validity. The user is therefore responsible for further investigation, by means of this information.

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