

TECHNICAL DATA SHEET

Acryl filler 4+1 GLOBAL

Two component acrylic filler based on high quality acrylic resins. Product designed for priming the surface and filling small scratches resulting from processing previously applied filling or spray putties as well as for priming the surface before the application of any desired final lacquer coating. It has good priming and filling properties. Very good adhesion allows it to be applied on various adequately prepared surfaces.

GROUND TYPES:

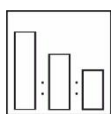
- ◆ Old paint surfaces including thermoplastic paints,
- ◆ Polyester putties,
- ◆ Steel,
- ◆ Stainless steel,
- ◆ Galvanized steel,
- ◆ Aluminium,
- ◆ Plastics,
- ◆ Polyester laminates,
- ◆ Epoxy primers,
- ◆ Wash primers.

SURFACE PREPARATION:

- ◆ old paint coats should be degreased and dry sanded with P220 - P360 paper,
- ◆ polyester putties for final evening should be dry sanded with P240 – P320 paper,
- ◆ steel surfaces should be degreased and dry sanded with P120 - P240 paper,
- ◆ aluminum surfaces should be degreased, matted with abrasive needle cloth and degreased again,
- ◆ galvanized surfaces should be degreased, matted with very fine abrasive needle cloth and degreased again.
- ◆ stainless steel should be degreased,
- ◆ plastic surfaces should be washed with Silicone remover RANAL and matted with abrasive needle cloth. Degrease again and use Adhesion increasing agent and Elasticity increasing agent RANAL
- ◆ polyester laminates should be degreased and dry sanded with P280 paper.

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MIXING RATIO:



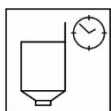
	By volume	By weight
Primer	4	100
Hardener	1	15
Thinner	10% - 20%	5 - 11

ATTENTION! We recommend the use of Thinner for fillers and bases by RANAL.

INSTRUCTION FOR USE:

Mix carefully the components before use. Apply 2-3 wet coats each 50-60µm thick, with 5-10 min. pause for evaporation after each coat. Evaporation time depends on temperature and thickness of the coat. 10 min after the application of the last coat, it can be hardened in higher temperature.

SPRAYING VISCOSITY:



Filling system:

10% Thinner for fillers and bases RANAL
DIN 4/20°C about 60s, Ø 1,6-1,8mm, 3-4 bar

Priming system:

20% Thinner for fillers and bases RANAL
DIN 4/20°C about 40s, Ø 1,6-1,8mm, 3-4 bar

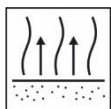
SPRAYING NOZZLE, WORKING PRESSURE:

Ø 1,6-1,8 mm, 3-4 bar



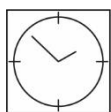
ATTENTION! Layer thickness about 50 – 60 µm on each coat.

EVAPORATION TIME:



5 – 10 min.

DRYING TIME:



In the temperature of 20°C: 3 hours.
In the temperature of 60°C: 30 min, for the thickness of 150-180µm

SANDING:

RANAL Sp. z o.o.

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Mechanical dry sanding: P360 – P500
Hand dry sanding: P400 – P500



Mechanical wet sanding: P600 – P1000
Hand wet sanding: P800 – P1000

CONTENT OF VOLATILE ORGANIC COMPOUNDS:

VOC II/B/c= 540g/L, VOC = 500 g/L

AVAILABLE COLOURS:

grey

THEORETICAL EFFICIENCY:

1 litre of the filler allows to obtain about 5,5 m² of the dry coat 100µm thick

TOOLS CLEANING:

NITRO or Thinner for acrylic products by RANAL

STORAGE CONDITIONS:

Store in dark and dry place away from sources of fire and heat. Shelf life of the product in original package in the temperature of 20°C is 24 months from the date of production for the filler and 12 months for the hardener.

HEALTH AND SAFETY RECOMMENDATIONS:

According to Safety Data Sheet of particular product.

PACKAGING:

Art. No	Capacity	Weight of the carton, kg	Package, pieces.
10501-3	0,8L + 0,2L hard.	9,80	6
10502	4L	6,40	1
10504	1L hard.	1,20	1

This information is based on careful, laboratory research and our long-standing experience. Strong market position does not absolve us from constant control of the quality of our products. However, we are not responsible for the final results after incorrect use of the product..