

TECHNICAL DATA SHEET

Acrylic primer 5+1 S-2000

Two-component acrylic primer produced on the basis of high quality acrylic resins. The first component – primer, is a suspension of adequate pigments in acrylic resin. The other component – hardener, is a solution of isocyanate resin in a solvent. It is designed for filling unevenness which appears after processing fillers or coated surfaces. It is easy to use, ensures good flow and precise covering of a primed surface. It guarantees good isolation of polyester fillers from external acrylic coats. Hardens quickly even if applied in thick layers. It has good filling

properties and it is easy to sand. Good adhesion of the primer allows it to be used on various adequately prepared surfaces.

FOR PROFESSIONAL USE!

GROUND TYPES:

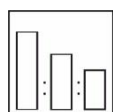
- ◆ Old paint surfaces including thermoplastic paints.
- ◆ Polyester fillers.
- ◆ Steel.
- ◆ Stainless steel.
- ◆ Galvanized steel.
- ◆ Aluminium.
- ◆ Plastics.
- ◆ Epoxy primers.
- ◆ Polyester laminates.

SURFACE PREPARATION:

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

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MIXING RATIO:



Primer
Hardener

By volume
5
1

By weight
100
12

Thinner

10% - 20%

5 - 11

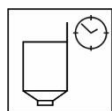
ATTENTION! We recommend the use of Thinner for primers and bases by RANAL.

INSTRUCTION FOR USE:

Mix carefully the components before use. Apply 2-3 wet coats 50-60 µm thick, with 5-10 minutes 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% of the Thinner for primers and bases RANAL
DIN 4/20°C ca. 70s, Ø 1,6-1,8mm, 3-4 bar

Priming system:

20% of the Thinner for primers and bases RANAL
DIN 4/20°C ca. 50s, Ø1,6-1,8mm, 3-4 bar

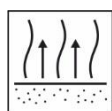
SPRAYING NOZZLE, WORKING PRESSURE:



Ø1,6-1,8 mm, 3-4 bar

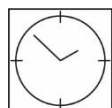
ATTENTION! Layer thickness ca. 50 – 60 µm each coat.

EVAPORATION TIME:



5 – 10 min.

DRYING TIME:



At 20°C: 3 hours

At 60°C: 30 min., for the thickness of 150-180 µm

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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 = 540 g/L, VOC = 510 g/L

AVAILABLE COLOURS:

According to specification.

THEORETICAL EFFICIENCY:

1 litre of the primer allows obtaining ca. 5,5 m² of the dry coat 100 um thick.

TOOLS CLEANING:

NITRO or Thinner for acrylic products RANAL

STORAGE CONDITIONS:

Store in a dark and dry place away from the sources of fire and heat. The shelf life in originally sealed container at 20°C is 24 months from the date of production for the primer, and 12 months for the hardener.

HEALTH AND SAFETY REGULATIONS:

According to Material Safety Data Sheet of Dangerous Substance for particular product.

PACKAGING:

Art. No	Capacity	Package weight, kg	Package, pieces
10335-1	0,4L + 0,08L hard., grey	10,68	12
10341-1	0,4L + 0,08L hard., black	10,68	12
10311-1	0,4L + 0,08L hard., white	10,68	12
10351-1	0,4L + 0,08L hard., red	10,68	12
10361-1	0,4L + 0,08L hard., graphite	10,68	12
10312-3	0,8L + 0,16L hard., white	9,80	6
10322-3	0,8L + 0,16L hard., yellow	9,80	6
10332-3	0,8L + 0,16L hard., grey	9,80	6
10342-3	0,8L + 0,16L hard., black	9,80	6
10352-3	0,8L + 0,16L hard., red	9,80	6

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10313-2	2,5L + 0,5L hard., white	21,10	4
10323-3	2,5L + 0,5L hard., yellow	21,10	4
10333-3	2,5L + 0,5L hard., grey	21,10	4
10343-2	2,5L + 0,5L hard., black	21,10	4
10353-2	2,5L + 0,5L hard., red	21,10	4

This information is based on careful, laboratory research and many years of 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.