

TECHNICAL DATA SHEET

Item number: 0102-101-XXXX

Product name: ACRYL MIX 2+1

ACRYL MIX 2+1

Description: High quality, general usage two-component acrylic topcoat (base for creating RAL colors). It provides high quality decorative non-chalking coating with high gloss and durable color. This product dries fast and exhibits very good UV resistance. Moreover, it is resistant to various weather conditions and scratches. The coating exhibits very good color retention. It does not fade and lose gloss. The product provides good mechanical resistance while preserving high decorative effect – non-yellowing, non-chalking. ACRYL MIX is resistant to oil and mild chemical splashes.

RECOMMENDED USE

- ▲ as a top-coat in the automotive industry.

TECHNICAL PROPERTIES

• Density, (approx) kg/dm ³	1,1
• Recommended film thickness per one coat, dry/wet, µm.	30/70
• Dry time (20 °C): 1 degree (tack-free), min	45
3 degree (dry-to-touch),h	3
• Dry time (40 °C): 1 degree (tack-free), min	10
3 degree (dry-to-touch), min	40
• Theoretical coverage at film thickness 30 µm dm ³ /m ²	0,07
• Non-volatile ingredients (approx), % by volume/mixture	40
• VOC in a ready-to-use product, g/l	470
• Recommended number of coats	1-3

GLOSS: high gloss

COLOR: base for RAL colors

PRODUCT APPLICATION

Contents should be stirred after opening the cans

PREPARATION OF MIXTURE – precisely mix part I with part II (part II number - 0104-009-0000) in the following ratio: by volume

- part I 2
- part II 1

Apply with a conventional sprayer after mixing and thinning to spraying viscosity.
After 10 minutes (in 20 °C) the product is ready-to-use.

Pot life of the mixture: 3h

Application tools

Single coat, conventional sprayer – after thinning: DINØ4 viscosity - 20-22s

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|---|---------------|
| ▲ tip size | 1,2– 1,4 mm |
| ▲ spraying pressure | 2,5 – 3,5 atm |
| ▲ spraying distance from the surface | 20 – 25 cm |
| ▲ number of coats | 2-3 |
| ▲ solvent evaporation time between coats | 30 min |
| ▲ there is possibility to redry the coating in a higher temperature after 30 minutes from the application of last coat (the time required to achieve a proper flow rate and initial evaporation of the solvent) | |

SOLVENT: acrylic solvent item number 8002, 8010

Recommended amount of solvent for the mixture (part I + part II) – 10-20% by volume

Hardware cleaning: 8002

APPLICATION

ACRYL-MIX is applied on primed and dry surfaces. Spray 2-3 individual coats allowing 20-30 minutes for solvent evaporation between coats (depending from temperature and coat thickness). After 20 minutes from the application of last coat the coating may be cured in higher temperature.

Cleaning and degreasing:

Properly prepared surface should be clean and precisely degreased.

Painting and curing conditions

- surface temperature at least 10°C
- good ventilation

Depending from use and type of surface a thicker coat than recommended may be applied. Conventional spraying typically requires one-coat thickness of 25-35µm. Change in coat thickness influences the coverage, dry coat thickness, dry and recoat times.

SHELF LIFE: 9 months from the production date in original unsealed container in temperature 5-35°C. 6 months for part II.

WARNING! This product is designed for professional use in the given industry. Detailed information regarding product safety can be found in the MSDS.