

721-40-M MATTE CLEAR COAT



MIXLAB Matte Clear Coat a fast-curing acrylic polyurethane clearcoat designed for smooth matte finish appearance and quick turnaround refinishing with optimized air-dry performance.

MATTE FINISH

Smooth low-reflection surface appearance

FAST AIR DRY

Optimized rapid curing for faster handling and turnaround

FLOW & LEVELING

Controlled flow characteristics for even matte distribution

DURABILITY

Chemical resistance & long-term gloss retention

Recommended for:

- Refinish projects requiring fast turnaround.
- Professional workshops seeking a high-speed dry option
- Spot repairs and panel work
- Complete full-body repaints

PERFORMANCE

RTS Solid Content	40% (Without reducer)
NCO / OH Index	1.20
Gloss Level (60° GU)	5 - 10
DOI	N/A

APPLICATION

Mixing Ratio	4 :1 (Clear base : Hardener)
Viscosity (NK2 @ 30°C)	23 - 24s (Initial mixing)
Recommended DFT	50 - 60µm
Maximum DFT	70µm

PHYSICAL

Product Type	2K Acrylic Polyurethane
Density (Base - Hardener)	0.9 g/ml - 1.2 g/ml
Appearance	Matte
Available Packaging	1L and 500ml set
Storage	Store in a dry place 22°C - 30°C
Shelf Life	12 months (unopened packaging)

PREPARATION & MIXING REFERENCE



Mixing Ratio (4:1 + 5 ~ 10%)

100%	Clear base
50%	Hardener
+5 ~ 10%	Reducer (if required)

Surface : Clean & dry. Degreased using appropriate surface cleaner

Apply over: Fully cured basecoat, OEM sanded surface

Recommended temperature: 25 ~ 32°C

Relative Humidity: 60 ~ 70%

Pot Life : 1 ~ 3 hours depending on temperature and reducer type

APPLICATION



Spraying

Nozzle size	0.8 - 1.4 mm
Air pressure	1.7 - 2.2 bar
Coats	Refer to the table below

Spraygun Nozzle Size	Reducer Amount	Estimated Viscosity (NK2)	Coats
≥ 0.8 mm	10%	10 - 11s	3 coats
≥ 1.0 mm	5%	12 - 13s	2 - 3 coats
≥ 1.2 mm	0 - 5%	12 - 16s	2 coats

REDUCER SELECTION REFERENCE TYPES, FLASH OFF & DRYING TIME

Room Temperature Humidity : 60 ~ 70%		Without Reducer	AFR10 Normal Dry	AFR15 Medium Dry
25- 30°C	Flash Off	3 - 5 min	3 - 5 min	5 - 8 min
	Dust Free	5 min	5 min	10 min
	Tack Free	5 - 8 min	5-8 min	15 min
	Full Dry (Air Dry)	6 hours	6 hours	8 hours
≥ 30 °C	Flash Off	2 - 3 min	2 - 3 min	3 - 5 min
	Dust Free	3 - 5 min	3 - 5 min	8 - 10 min
	Tack Free	5 min	5 min	10 min
	Full Dry (Air Dry)	4 hours	4 hours	6 hours

Force Dry at 60°C 30 - 45 minutes
Allow a minimum 10 minutes after tack free condition with under ambient airflow prior to force drying (oven bake or UV curing).

Note : Large objects (full body) use one step slower reducer.

CAUTION

Avoid "over-wetting" the surface, as this can increase the final gloss level. Flash off until matte look appeared to ensure dead-matte appearance.

For best results use **MIXLAB reducer**. Using low-quality reducers may cause longer cure time, popping or cratering.

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SAFETY INFORMATION

Use only in well-ventilated areas

This product contains isocyanates and flammable solvents.



Personal Protective Equipment (PPE) is required:

- Organic vapor respirator (A2 or equivalent)
- Protective gloves (nitrile recommended)
- Safety goggles
- Protective clothing

Avoid:

- Inhalation of vapors or spray mist
- Skin and eye contact
- Exposure to moisture contamination in hardener

Keep away from:

- Heat, sparks, and open flames
- Direct sunlight
- Sources of ignition

In case of contact:

- **Skin** – Wash immediately with soap and water
- **Eyes** – Rinse cautiously with clean water for several minutes
- **Inhalation** – Move person to fresh air immediately