721-45
MEDIUM SOLID CLEAR COAT

MIXLAB Medium Solid Clear Coat is a two-component acrylic polyurethane clear, engineered for controlled flow, deep wet-look gloss, and consistent high-performance results across repair and refinish applications.

WETLOOK DEPTH
Deep gloss with high DOI clarity

FLOW & LEVELING
Smooth film formation, fined atomization

DURABILITY
Chemical resistance & long-term gloss retention

ADAPTIVE CURING
Fine-tune curing speed through reducer selection

Recommended for:

- Refinish projects requiring a premium wet-look gloss effect
- Professional workshops seeking a high-performance medium-solid option
- Spot repairs and panel work
- Complete full-body repaints

PERFORMANCE

RTS Solid Content	45% (Without reducer)
NCO / OH Index	1.20
Gloss Level (60° GU)	95
DOI	≥ 90

APPLICATION

Mixing Ratio	2 :1 (Clear base : Hardener)
Viscosity (NK2 @ 30°C)	15 - 16s (Initial mixing)
Recommended DFT	50 - 60µm
Maximum DFT	70µm

PHYSICAL

Product Type	2K Acrylic Polyurethane
Density (Base - Hardener)	0.94 g/ml - 0.96 g/ml
Appearance	Wetlook Gloss - Clear
Available Packaging	1.5L and 750ml set
Storage	Store in a dry place 22°C – 30°C
Shelf Life	12 months (unopened packaging)

PREPARATION & MIXING REFERENCE

Mixing Ratio (2:1 + 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
Recomended 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 REFERENCE TYPES, FLASH OFF & DRYING TIME

Room Temperature Humidity : 60 ~ 70%		Without Reducer	AFR10 Normal Dry	AFR15 Medium Dry	AFR25 Slow Dry	AFR35 Extra Slow Dry
25- 30°C	Flash Off	3 - 5 min	3 - 5 min	5 - 8 min	10 - 15 min	20 - 25 min
	Dust Free	10 - 15 min	15 - 20 min	20 - 25 min	30 - 35 min	40 min
	Tack Free	25 min	30 min	40 min	1 hour	2 hours
	Polishable (Air Dry)	10 hours	10 hours	14 hours	16 hours	24 hours
≥ 30 °C	Flash Off	2 - 3 min	2 - 3 min	4 - 7 min	5 - 10 min	5 - 10 min
	Dust Free	8 - 10 min	10 - 12 min	15 - 20 min	20 - 25 min	30 min
	Tack Free	15 min	20 min	30 min	40 min	60 min
	Polishable (Air Dry)	8 hours	8 hours	12 hours	14 hours	20 hours

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

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.

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WEIGHT CONVERSION MIXING TABLE

For maximum curing gloss and durability use a digital scale with our conversion table if a mixing cup is not available.

Mixing by weight with +5% Reducer

100% CLEAR BASE	50% HARDENER	+5% REDUCER	TOTAL (gram)
31.5	16.1	2.4	50
63.0	**32.2**	**4.8**	**100**
94.6	48.3	7.1	150
126.1	**64.4**	**9.5**	**200**
157.6	80.5	11.9	250
189.1	**96.6**	**14.3**	**300**
220.7	112.7	16.6	350
252.2	**128.8**	**19.0**	**400**
283.7	144.9	21.4	450
315.2	**161.0**	**23.8**	**500**
346.7	177.1	26.2	550
378.3	**193.2**	**28.5**	**600**
409.8	209.3	30.9	650
441.3	**225.4**	**33.3**	**700**
472.8	241.4	35.8	750
504.4	**257.5**	**38.1**	**800**
535.9	273.6	40.5	850
567.4	**289.7**	**42.9**	**900**
598.9	305.8	45.3	950
630.4	**321.9**	**47.7**	**1000**
945.7	482.9	71.4	1490

Mixing by weight with +10% Reducer

100% CLEAR BASE	50% HARDENER	+10% REDUCER	TOTAL (gram)
30.1	15.4	4.5	50
60.2	**30.7**	**9.1**	**100**
90.3	46.1	13.6	150
120.4	**61.5**	**18.1**	**200**
150.4	76.8	22.8	250
180.5	**92.2**	**27.3**	**300**
210.6	107.6	31.8	350
240.7	**122.9**	**36.4**	**400**
270.8	138.3	40.9	450
300.9	**153.6**	**45.5**	**500**
331.0	169.0	50.0	550
361.1	**184.4**	**54.5**	**600**
391.2	199.7	59.1	650
421.3	**215.1**	**63.6**	**700**
451.3	230.5	68.2	750
481.4	**245.8**	**72.8**	**800**
511.5	261.2	77.3	850
541.6	**276.6**	**81.8**	**900**
571.7	291.9	86.4	950
601.8	**307.3**	**90.9**	**1000**
902.7	460.9	136.4	1500

FLAMMABLE! Keep away from sunlight and sparks. Use in well-ventilated areas with Mandatory PPE: Organic vapor respirator, nitrile gloves, and eye protection. Harmful if inhaled, in contact with skin, or swallowed. For professional use only; keep out of reach of children. Dispose of contents/container according to local regulations.