

828-55 HIGH SOLID+ CLEAR COAT



MIXLAB High Solid Plus Clear Coat is an advanced 2K acrylic polyurethane clearcoat delivering richer film build, smoother flow, and elevated wet-look appearance.

DEEP GLOSS DEPTH

Exceptional gloss depth with high-definition DOI clarity

FLOW & LEVELING

Advanced flow behavior with ultra-smooth surface leveling

DURABILITY

Enhanced chemical & environmental resistance for long-term finish stability

ADAPTIVE CURING

Optimized curing flexibility across varying application environments

Recommended for:

- Refinish jobs with enhanced deep wet-look finish
- Enhanced durability, higher solid build film
- Full body & panel applications

PERFORMANCE

RTS Solid Content	55% (Without reducer)
NCO / OH Index	1.25
Gloss Level (60° GU)	98
DOI	≥ 95

APPLICATION

Mixing Ratio	2 :1 (Clear base : Hardener)
Viscosity (NK2 @ 30°C)	19 - 20s (Initial mixing)
Recommended DFT	70- 80µm
Maximum DFT	95µm

PHYSICAL

Product Type	2K Acrylic Polyurethane
Density (Base - Hardener)	0.90 g/ml - 0.94g/ml
Appearance	Glossy
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

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	1.0 - 1.5 mm
Air pressure	1.7 - 3 bar
Coats	Refer to the table below

Spraygun Nozzle Size	Reducer Amount	Estimated Viscosity (NK2)	Coats
≥ 1.0 mm	10%	12 - 13s	3 coats
≥ 1.2 mm	5 - 10%	12 - 15s	2 - 3 coats
≥ 1.3 mm	5%	14 - 15s	2 coats

REDUCER SELECTION REFERENCE TYPES, FLASH OFF & DRYING TIME

Room Temperature Humidity : 60 ~ 70%		AFR10 Normal Dry	AFR15 Medium Dry	AFR25 Slow Dry	AFR35 Extra Slow Dry	Caution: Drying table is based on 5% reducer. Higher reducer loads require more time for solvent evaporation, significantly will extending full dry and polish ready time. Force Dry at 60°C 30 - 45 minutes Note: Allow 10 mins airflow after tack-free before baking/UV. For full body, use 1 step slower reducer.
25 - 30°C	Flash Off	5 - 8 min	8 - 12 min	15 - 18 min	25 - 30 min	
	Dust Free	20 - 25min	25 - 30 min	35 - 40 min	45 min	
	Tack Free	35 min	45 min	1.5 hour	2 hours	
	Polishable (Air Dry)	12 hours	16 hours	18 hours	24 hours	
≥ 30 °C	Flash Off	4 - 8 min	4 - 7 min	5 - 10 min	5 - 10 min	
	Dust Free	15 - 18 min	15 - 20 min	20 - 25 min	30 min	
	Tack Free	30 min	35 min	45 min	90 min	
	Polishable (Air Dry)	10 hours	14 hours	16 hours	22 hours	

For best results use MIXLAB reducer. Using low-quality reducers may cause gloss drop, 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