



KROMA EDGE

— BEYOND REFLECTION —

KROMA EDGE

Dedicated Topcoat Clear Manual



Product Configuration & Lineup

KROMA EDGE Dedicated Topcoat Clear 180 SET

(Total mixed volume: 378 g)

- Clear Base: **180 g**
- Hardener: **18 g**
- Thinner: **180 g**

KROMA EDGE Dedicated Topcoat Clear 900 SET

(Total mixed volume: 1,890 g)

- Clear Base: **900 g**
- Hardener: **90 g**
- Thinner: **900 g**

KROMA EDGE Dedicated Topcoat Clear 3600 SET

(Total mixed volume: 7,560 g)

- Clear Base: **3,600 g**
- Hardener: **360 g**
- Thinner: **3,600 g**

Mixing Ratio

- **Clear Base : Hardener = 10 : 1 (by weight)**
- **Thinner:** Add **70–100%** based on the amount of Clear Base

Item	Mixing Amount	Recommended Film Thickness	Drying Conditions	Pod Life
Clear Base (Main Agent)	100g	15 ± 2 µm	60°C: 1 hour or longer	4 hours
Hardener	10g		20°C: 24 hours or longer	
Thinner	70 – 100g			

Notes

- **Recommended film thickness: 15 ± 2 µm (0.015 ± 0.002 mm)**
- **Pot life:** Usable time after mixing Clear Base and Hardener

Application Procedure & Precautions

- After **KROMA EDGE** has **completely dried**, finish with the Dedicated Topcoat Clear.
- For the **tack coat (mist coat)**, apply **as finely atomized as possible** and **uniformly over the entire surface**.
Apply a **very light coat**, just enough for the chrome-like surface to become **slightly hazy**, and confirm that no defects such as cratering occur.

Important:

If the atomized particles during the tack coat are too coarse, the surface texture and gloss of the topcoat may be adversely affected.

- After the tack coat, allow an **interval of approximately 5 minutes**, then apply the **full wet coat**.
Apply sufficiently to achieve full gloss and to ensure that particles from the tack coat are completely buried.



This clear coat has excellent flow characteristics; therefore, **avoid excessive application that may cause sagging.**

- After application, inspect the surface texture.
If an **orange-peel texture** is present or if additional clear film thickness is required, apply an additional coat **after the surface becomes tack-free**, ensuring sufficient gloss.
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- If Topcoat Clear is applied while **KROMA EDGE is insufficiently dried**, solvents from the clear coat may penetrate the KROMA EDGE resin layer, softening the film and causing **fine surface roughness or haze** on the chrome-like finish.
Always ensure complete drying before topcoat application.
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- Even when KROMA EDGE is fully dried, the finish may appear **slightly hazy immediately after topcoat application.**
When using **KROMA EDGE Dedicated Topcoat Clear**, gloss will **gradually recover as drying progresses.**
Ensure **sufficient drying time after clear coating.**
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- KROMA EDGE Dedicated Topcoat Clear features **excellent drying performance.**
After **forced drying at 60°C for 1 hour**, followed by approximately **30 minutes of natural cooling**, the coating will reach a hardness suitable for polishing.
Drying conditions may vary depending on the environment; therefore, allow **ample drying time whenever possible.**
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Important Recommendation

- Use of the **dedicated topcoat clear is strongly recommended.**
If a non-dedicated clear is used, incompatibility due to solvent strength may soften the KROMA EDGE resin layer and cause haze.



- If higher surface hardness is required, it is recommended to **scuff the surface after applying the Dedicated Topcoat Clear**, then apply an additional clear coat of your choice.
 - **Use within 3 months after opening.**
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Key Advantage of KROMA EDGE

Conventional chrome-effect coatings often suffer from haze after topcoat application because the metallic layer is not sufficiently cured; solvents from the clear coat cause the metallic particles to lift and disrupt their alignment.

KROMA EDGE, however, utilizes a **high-adhesion dedicated resin** that firmly bonds the substrate and metallic layer during curing.

As a result, even after topcoat application, the metallic particles remain stable, the alignment is preserved, and **high gloss and brightness are maintained.**

Manufacturer Information

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