



Technical Data Sheet

Issue date January 2026

for professional use only

Refinix RC80 2K MS Clearcoat

Product description

Refinix RC 80 is a 2K medium solids acrylic clearcoat especially formulated for applying over solvent-based basecoats. It gives high gloss and "water like" final appearance. It offers high durability and weathering resistance. When used in conjunction with Kapci MS hardeners RC55

Substrates

Refinix RC 80 clearcoat should be applied over Kapcibase and Laticobase solvent-based basecoats and properly prepared paint work in solid conditions.

Existing job should be properly sanded and degreased prior to applying the basecoat. For cleaning and degreasing of the surface, it is recommended to use Kapci Degreaser 605

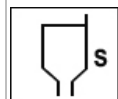
Application



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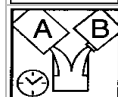
Mixing ratio by volume:

Refinix RC 80 MS Clearcoat	Kapci MS Hardeners	Kapci 2K Thinners:
100%	50%	30%
	RC55	RC45



Application viscosity:

15-18 s (DIN4/20°C)



Pot life:

4 h at 20°C



Spray gun tips:

	Spray Nozzle	Inlet pressure	Atomization pressure
Compliant	1.2-1.3mm	2 bars (26- 29 psi)	
HVLP	1.2-1.3mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)
Conventional	1.2-1.3mm	3-3.5 bar (45-50 psi)	

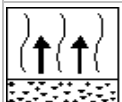
For best overall results, refer to the spray gun manufacturer's recommendation

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REFINIX

**Number of coats:**

Apply 2 normal coats.
Total dry film thickness 50-60 microns.

**Flash off time:**

5-10 min/20°C between coats
20 min/20°C before baking

**Drying time:**

Hardener	20°C	60°C
RC55	16h	30min

**IR Drying:**

Short wave*: 10-15 min

*Guideline for IR equipment. Refer to the IR equipment manufacturer's instruction for sets up.

Rectification and polishing

Refinix RC 80 clearcoat does not require polishing as it offers excellent gloss. In case that some dirt has occurred, denib with P2000 or finer and polish by machine using Kapci K40 Polish Compound.

Other tips

1. For optimum application, ensure that both spray booth temperature and paint temperature are between 20°C and 25°C.
2. Clean the spraygun thoroughly immediately after use of 2K products.

VOC (2004/42/EC)

2004/42/IIIB(e) (840)560

The EU limit value for this product (product category: IIB.e) in ready for use form is maximum 840 g/l of VOC.

The VOC content of this product in ready for use form is maximum 560 g/l.

Health and Safety

1. For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. Good ventilation must be provided in the working environment.

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