

Autobase Plus Toyota 3T7 Hypersonic Red

FOR PROFESSIONAL USE ONLY

Definition and description

The repair system for Toyota 3T7 Hypersonic Red consists of different layers creating a special color effect, based on

- Basecoat Foundation color
- Basecoat Effect color
- Clearcoat

Color check by spray out samples

Correct color match needs to be determined by producing a number of color spray-out samples. The color depends on the number of coats applied of both foundation and effect color.

Distribute spray out panels according to the following matrix and

1. Apply the foundation color in 2, 3, 4 layers, from top to bottom.
2. Mix (1:1) the effect color and a blender mix (Q070 : Q065=3 : 1) (Mix A)
3. Apply 2, 3, 4 and 5 layers of the Mix A to the panels, from left to right.

		Mix A			
		2 coats	3 coats	4 coats	5 coats
Foundation color	2 coats				
	3 coats				
	4 coats				

4. Allow for a 10-15 minutes flash-off time at 20°C prior to clearcoat application.
5. Apply two single layers of clearcoat.

The operator can determine the right color match by use of these color samples.
 - Number each panel, indicating the number of foundation and effect coats on the panel.

DO NOT SPRAY EACH PANEL SEPARATELY.

Preparation

Repair with recommended bodyfillers and / or undercoats.

Surface preparation

Filler area



Final sanding step P500

- o Initial sanding steps may be executed with a coarser sanding grit; P360 - P400
- o Respect a maximum 100 sanding grit step difference or less throughout the sanding procedure.
- o For detailed surface preparation see TDS S8.06.02

Basecoat area



Final sanding step P1000

- o Initial sanding steps may be executed with a coarser sanding grit P600 - P800
- o Respect a maximum 200 sanding grit step difference or less throughout the sanding procedure.
- o For detailed surface preparation see TDS S8.06.02



Surface cleaning: remove contamination using an appropriate surface cleaner.

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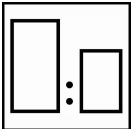
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Repair process



(Fade out of foundation coat)

Apply Autobase Plus Blending Agent to the panel until the area designated for fade out.
 Allow to dry.

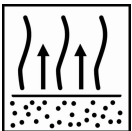


Step 1

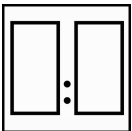
100 parts by volume foundation coat
 50 parts by volume Plus Reducer



Apply foundation color as determined with the color check spray out panels

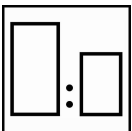


Allow each coat to flash-off naturally until the surface is completely matt.
 Do not force-dry by air support.



Step 2

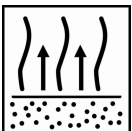
Mix foundation color and effect color (1:1)(Mix B).



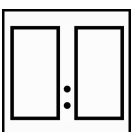
100 parts by volume Mix B
 50 parts by volume Plus Reducer



Mix B applied until achieved opacity



Allow each coat to flash-off naturally until the surface is completely matt.
 Do not force-dry by air support.



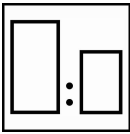
Step 3

Mix Mix B and effect color (1:1) (Mix C).



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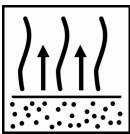
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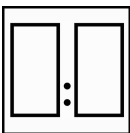
100 parts by volume Mix C
 50 parts by volume Plus Reducer



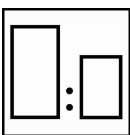
Apply 1 coat or 2 coats over the edge of Mix B.



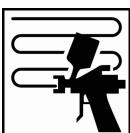
Allow each coat to flash-off naturally until the surface is completely matt.
Do not force-dry by air support.



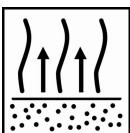
Step 4
 Mix Mix C and effect color (1:1) (Mix D).



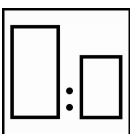
100 parts by volume Mix D
 50 parts by volume Plus Reducer



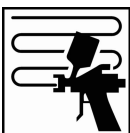
Apply 1 coat or 2 coats over the edge of Mix C.



Allow each coat to flash-off naturally until the surface is completely matt.
Do not force-dry by air support.



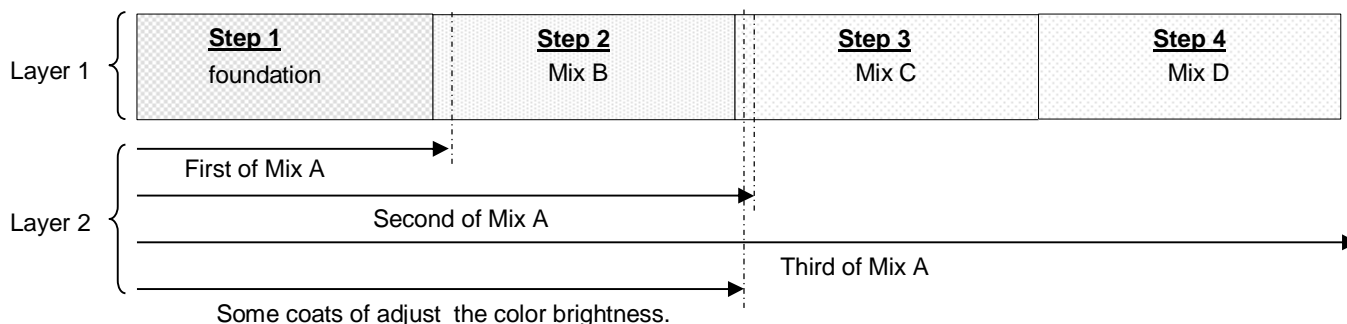
100 parts by volume Mix A
 50 parts by volume Plus Reducer



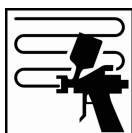
Apply first the Mix A to the foundation color area.
 Apply second the Mix A to the Mix B area.
 Apply third the Mix A to the Mix D area. (Inside-out)
 If needed, apply final coat on Mix B area to adjust the color brightness.

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Clearcoat



Apply Autoclear Plus HS according to TDS 5.2.64.

Akzo Nobel
Car
Refinish
 bv..

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