

Autowave Lexus 8Y0 Structural Blue 2c

FOR PROFESSIONAL USE ONLY

Definition and description



Characteristics and Paint Layer Composition

8Y0 Structural Blue has been developed by Lexus with a special patented colored pigment contained within the metallic basecoat layer. With interference of light, a metallic color with an excellent flip-flop effect is created. An effect that brings a change in the color tone depending on the angle at which the vehicle is viewed from under bright light conditions.

Same as the existing Lexus 2-coat metallic colors, this color has a layer of metallic basecoat overcoated with clearcoat.

Preparation and application of Lexus 8Y0 is the same process as with standard two coat metallic colors to meet the appearance of the original car color: Lexus 8Y0 Structural Blue is only available on LC500 & LC500h models.

Preparation of the substrate before Basecoat color application

The preparation of the repaired area for Lexus 8Y0 Structural Blue is the same process as with standard Autowave MM 2.0 two coat metallic colors.

Color sprayout samples:

It is advised to check the color match by producing a sprayout sample prior to application to the vehicle using your preferred colored primer CBP015 Tungsten Grey or CBP049 Royal Blue. When a colored primer is not applied it could result in additional color layers of Autowave RM 2.0 to achieve full opacity of the color.

Application over sanding or non-sanding filler:

Lexus 8Y0 Structural Blue should be applied over a CBP015 Tungsten Grey or CBP049 Royal Blue.

Preparation of the blending area on the original clearcoat:

Remove any texture by sanding the original clearcoat with P1000 grit as a minimum.

Surface preparation



Surface cleaning

Remove any surface contamination using M200 followed by M600 / M700.



Repair area

Final sanding step P500 sanding filler

Final sanding step P320 non-sanding filler

- Initial sanding steps may be executed with a coarser sanding grit for sanding filler (P320)
- Remove (orange peel) structure of the filler



Blending area

Final sanding step P1000

- Remove (orange peel) texture of the OEM Clearcoat
- Sand edges using Grey Scuff pad (3M Scotch Brite or equivalent)
- For detailed surface preparation see TDS S8.06.02



Surface cleaning

Remove any surface contamination using M200 followed by M600 / M700

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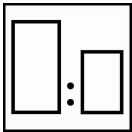
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Autowave RM 2.0 Lexus 8Y0 (LEX8Y0) Structural Blue

Autowave RM 2.0 waterborne basecoat LEX8Y0 has been developed by AkzoNobel Sikkens to imitate the Lexus Structural Blue to meet the original appearance and color of the vehicle being repaired. Autowave RM 2.0 LEX8Y0 must be used in conjunction with a specified Sikkens clearcoat in order to provide protection from the environment.



Thoroughly stir Autowave RM 2.0 LEX8Y0 prior to use



100 Autowave RM 2.0 LEX8Y0
 10 Activator WB



Use Sikkens measuring stick

14 Blue

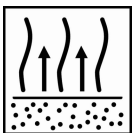


Spray gun set-up:
 1.3 mm

Application pressure:
 1.7 – 1.8 bar at the air inlet
 HVLP max 0.6-0.7 bar at the air cap



Application LEX8Y0 color:
 2 x 1 coat followed by a mistcoat



Between coats:
 Until completely matt and dry

Prior to clearcoat application:
 Until completely matt and dry



Clearcoat application
 See clearcoat T.D.S.



Use suitable respiratory protection
 Akzo Nobel Car Refinishes recommends the use of a fresh air supply respirator.

Read complete TDS for detailed product information

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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