

Autowave MM 2.0 Tesla 262E Quicksilver

FOR PROFESSIONAL USE ONLY

Description



Quicksilver 262E is one of Tesla's state of the art finishes to compliment the modern paint technology and trends. The repair of this colour is based on the standard 2 stage TDS application with 2-3 basecoat layers, this to achieve its specific fine effect and finish.

The colour is made from highly pigmented SEC metallic paint, designed to give a very fine metallic effect.

The following steps are mandatory to meet the appearance of the original car colour:

Preparation of the substrate before Basecoat colour application

The preparation for this colour with the combination of it's fine metallic is of upmost importance. To avoid the visibility of disoriented fine metallic, sanding of the blending areas with fine grit P1000 or P1200 is mandatory.

Application over sanded or non-sanding (Dark Grey / Black) filler:

Remove any texture by sanding the filler with P500 followed by P800 as a minimum, degrease and proceed with the pre-coat layer and application of the 262E Quicksilver colour.

Preparation of the blending area on the original clearcoat:

Remove any texture by sanding the original clearcoat with P1000 as a minimum. Apply a single flowing coat of AW666 / AW600 as a pre-coat and leave to flash off completely.

Surface preparation



Primer Filler area

Final sanding step

- Initial sanding steps may be executed with a coarser sanding grit P500 – P600
- Remove the orange peel / structure of the filler



Pre-coat preparation / blending area (60 parts AW 666 - 40 parts AW 600)

Final sanding step(s)

- Initial sanding steps may be executed with P1000 – P1200
- Remove the orange peel / texture of the OEM clearcoat



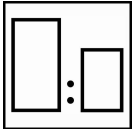
Surface cleaning

Remove any surface contamination using an appropriate surface cleaner.

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Autowave MM 2.0 Pre-coat: Mixing and application

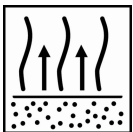


100 Autowave MM666 / MM600 (60% / 40%)

15 - 20 Activator WB

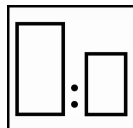


Apply one flowing coat of the Autowave MM 2.0 mixture MM666 / MM600 to the entire area under repair.



Flash-off by increasing airflow until completely dry.

Autowave MM 2.0 TESLA262E: Mixing and application



100 Autowave MM / 2.0 **TES262E**

10 Activator WB

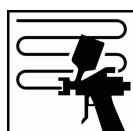


Use Sikkens measuring stick
 14 Blue



Spray gun set-up:
 1.3 mm

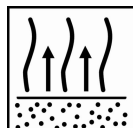
Application pressure:
 1.7 bar at the air inlet
 HVLP max 0.6 bar at the air cap



Apply 75% layers to achieve opacity making sure each layer exceeds the previous one.

After each layer flash off until matt.

Finish with a 25% controlled drop coat layer.



Between coats:
 Until completely matt and dry

Prior to clearcoat application:
 Until completely matt and dry



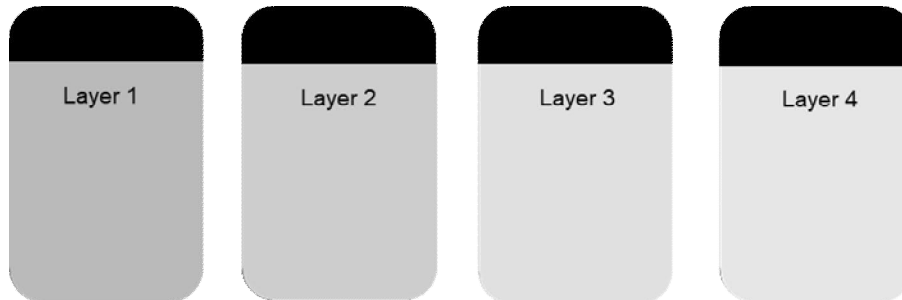
Use suitable respiratory protection
 Akzo Nobel Car Refinishes recommends the use of a fresh air supply respirator.

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Correct color match to be determined by producing several colour spray-out samples.

The coarseness and effect may differ due to different models / production locations; therefore, we advise to produce a set of sprayout panels applied over a dark grey or black primer surfacer – filler to determine the number of layers required to achieve the correct colour accuracy



Note: Please ensure to use the same equipment and application techniques on the vehicle under repair!

After the final controlled drop coat leave the basecoat to thoroughly flash off followed by a cooling down process before applying the clearcoat

Useful tips:

Preparation:

The recommended preparation of the substrate with this Tesla 262E colour is mandatory. The substrate must be flat and smooth as any structure or too coarse a scratch pattern will be visible after clearcoat application.

Therefore: to avoid disorientation of the fine metallic, the use of the recommended sanding grades as described is of upmost importance for the preparation of the substrate

Preparation over primer filler substrate:

- Abrade with a minimum grit of P500 – P600 to ensure all texture is removed.
- It is advised to apply a wet bed (pre-coat) over the prepared blending area of the OEM clearcoat.
- Abrade blending area with P1000 – P1200 and ensure that all texture of the OEM clearcoat is removed.
- After removing dust residue and degreasing the substrate, apply one smooth flowing closed layer of the Autowave MM 2.0 pre-coat mixture MM666 / MM600 as described above.

Application in general:

- After application of each basecoat layer completely flash off prior to the next layer.
- Do not reduce pressure when applying the controlled drop coat layer.
- Apply the effect layers in cross coat application on larger areas if required to achieve an even appearance

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Clearcoat



See Clearcoat T.D.S.



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