

# Peugeot KAH (M29V) Ice Black

FOR PROFESSIONAL USE ONLY

## Description

Additive to replicate the Structured clearcoat finish of Peugeot's "Ice" colors. Suitable for application on OEM and Autowave or Autobase Plus basecoat.

The desired structure and gloss level can be achieved by adding Propyltex 140S to Autoclear Mix & Matt mixture.

Due to the variations in structure/gloss of the OEM we advise to create a set of spray-out panels that can be used as reference.



100 Autoclear Mix & Matt (+ 2 > 3 % Propyltex 140S)

42 Autoclear Mix & Matt Hardener

55 Autoclear Mix & Matt Reducer



Spray gun set-up:

1.3 – 1.4 mm

Application pressure:

1.7-2.2 bar at the air inlet

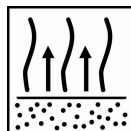
HVLP max 0.6-0.7 bar at the air cap



1 x 1 Autoclear Mix & Matt mixture (step 1)

+

1 or 2 x 1 Autoclear Mix & Matt Low / Semi Gloss (step 2)



Between coats

Until matt

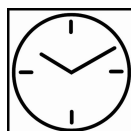
(+/-10-15 minutes\*)

\*Depends on environmental circumstances

Before curing

Until matt

(+/-10-15 minutes\*)



Drying

**20°C**

**60°C**

Reducer Standard

1 hour

20 minutes

Reducer Slow

1½ hour

25 minutes



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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The desired structure and gloss level can be achieved by adding Propyltex 140S to Autoclear Mix & Matt mixture.

Due to the variations in structure/gloss of the OEM we advise to create a set of spray-out panels that can be used as reference.

## Structure and gloss level by spray out samples

Due to the variations in structure en gloss of the OEM clearcoat we advise to create a set of spray-out panels by applying the following eight samples over full flashed off PKAH (M29V) Ice Black basecoat.

With this color the first layer is with a certain amount of Propyltex 140S added to the Mix & matt, followed by a second layer without Propyltex added to the clearcoat.

### Step 1: First layer (1 layer application) start with 2 sets of 4 panels each.

Panel	Autoclear Mix & Matt	with Propyltex 140S
1- 4	set # 1 Low Gloss	2%
5 - 8	set # 2 Low Gloss	3%

After flash off apply the second and third layer:

### Step 2: Second layer (1 or 2 layer application)

Panel	Autoclear Mix & Matt (no Propyltex 140S added)	Number of layers
1 + 5	Low Gloss / Semi Gloss = 60 / 40	1
2 + 6	Low Gloss / Semi Gloss = 60 / 40	2
3 + 7	Low Gloss / Semi Gloss = 70 / 30	1
4 + 8	Low Gloss / Semi Gloss = 70 / 30	2

The required gloss and structure level can be determined by use of these samples.

- **Number each panel**, indicating the amount of layers, percentage Propyltex 140 S and Autoclear Mix & Matt mixture on each panel.

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## Repair process



Apply basecoat M29V Ice Black according to TDS

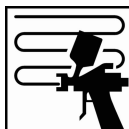


Add the required amount of Propyltex 140 S to Autoclear Mix & Matt Low Gloss.



### Step 1

100 parts by weight of Autoclear Mix & Matt inclusive the Propyltex 140 S  
 42 parts by weight of Autoclear Mix & Matt Hardener  
 55 parts by weight of Autoclear Mix & Matt Reducer Standard / Slow

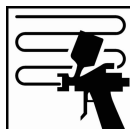


Apply 1 coat, allowing to flash-off until completely matt.



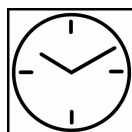
### Step 2

100 parts by weight of Autoclear Mix & Matt Low / Semi Gloss  
 42 parts by weight of Autoclear Mix & Matt Hardener  
 55 parts by weight of Autoclear Mix & Matt Reducer Standard / Slow



Apply 1 or 2 coats (depending on sprayout panel chosen), allowing to flash-off until completely matt between coats and before bake.

## Drying times



	20°C	60°C
Reducer		
Reducer Standard	1 Hour	20 minutes
Reducer Slow	1½ hour	25 minutes

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## Notes

- Check spray-outs adjacent to the damaged panel
- Stir thoroughly after adding the Propyltex 140S to the Mix & Matt Clearcoat
- Do not use a mesh below 125 micron filtering the clearcoat.
- Blending the mixture clearcoat with Propyltex 140S is not advised, therefore always paint edge to edge with The Mix and Matt / Propyltex 140S clearcoat.
- We do not advise to paint single panels
- The basecoat (color) can be faded out on the adjacent (OEM) panel, first carefully sand away the structured OEM clearcoat of with P800-P1000, pay extra attention on not sanding through!
- After application rinse the spray-gun thoroughly to avoid particles ending up in other topcoats used with the same spray-gun

## Product storage

After use close container directly, and store in a dry place

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Tel: +31(0)71308-6944

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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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