



IMRON® 703

2K PU Topcoat

Description

Imron® 703 is a 2-component topcoat system specially developed for the application on trucks, buses and light commercial vehicles.
Composition is based on functional polyurethane.

Products

AM	Centari® MasterTint®
AU170	Polyurethane Binder
AU172	Rheology Control Binder
AU270	Polyurethane Activator
VG-98625	Activator
AU370	Polyurethane Thinner

Colours

All colours available: please consult colour tools for colour formula.

Properties

- Easy application on large surfaces with perfect flow and overspray melt-in.
- Fast set up and dry to assemble times.
- Has excellent mechanical, chemical and weather resistance
- Can be used for spot, panel and overall repair.

Substrates

- All OEM finishes and Axalta primers

Surface preparation

- Remove any contamination
- Surface should be dry and free from dirt, oil and grease

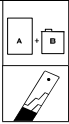

Theoretical VOC – ready for use (RFU) at maximum dilution

- 530 - 585 g/l





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Product preparation

	Mixing Ratio Imron® 703 AU270 VG-98625 AU370	Volume	
		Standard	Large Surfaces (slow)
		4	3
		1	/
		/	1
		0.2-1	0-0.6
	Pot life at 20°C 3 hours		
	Recommended dry film thickness 40-50 µ		

Application

	Application viscosity DIN4 at 20°C (s)	Thinner (%)	Spray nozzle (mm)	Pressure (bar)	Number of coats
	18-24	5-15	1.2-1.4	3-4	2*
			1.6-1.8	3-4	
(High pressure spraying)					
	18-24	5-15	1.3-1.5	0.7 at nozzle	2*
(Low pressure spraying)					
	18-24	5-15	1.0-1.2	4-6	2*
(high pressure spraying)				1-2 Mat.	
* Following colour coverage					



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Drying

Forced drying	Flash time: 5-10 minutes before bake
Drying time	20-30 minutes
Drying temperature	60 - 80°C object temperature

Recoatibility

Recoatible with itself & Axalta fillers after drying.

Product data


Package viscosity	Colour dependant
Flash point	23 °C

	Solids Weight (%) ±1	Density (kg/l) ±0.02	Theoretical coverage (at 50 µ)		Theoretical material consumption (at 50 µ)	
			m ² /l	m ² /kg	ml/m ²	g/m ²
Black	42	0.98	7-9	6-8	110-140	125-160
White	53	1.14	7-9	8-10	110-140	100-125

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Remarks

	<ul style="list-style-type: none"> Imron® 703 colour has to be mixed immediately after weigh-out. 	
Remark	<ul style="list-style-type: none"> Material has to be at room temperature (18-25°C) before use. Close can of activator tightly immediately after use, as these products will react with humid air and water and lose their hardening effect. Activated material should not be returned to original can of non-activated material. For equipment cleaning, 3608S thinner can be used. 	
Data	Shelf Life (5-35°C) (months)	Density (kg/l) +/- 0.01
Imron® 703	24	Depending on colour
AU170	36	0.960
AU172	36	0.987
AU270	36	1.005
VG98625	36	0.975
AU370	60	0.879

<p>Safety</p> <p>Consult the Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.</p>



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Information

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

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