
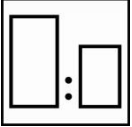






	North America	Technical Data Sheet
	Autobase Plus Q878SA Argentum	
	Basecoat 01/09/2017	
FOR PROFESSIONAL USE ONLY		

Description

Q878SA Autobase Plus Argentum silver is a leafing aluminum and is a ready to spray basecoat with such a high metallic reflectance that it appears like bright aluminum. Q878SA Autobase Plus Argentum can be used to duplicate OEM Wheel Silver and must be used in conjunction with a Sikkens low VOC clearcoats in order to provide protection from the environment and ensure regulatory compliance.

	Safety Considerations Use suitable personal protection. AkzoNobel recommends the use of a fresh air supply respirator. Refer to the product Safety Data Sheet (SDS) for more complete safety information.	
	Autobase Plus Argentum <ul style="list-style-type: none"> · Foundation Layer <ul style="list-style-type: none"> ○ 3 parts Autobase Plus Q140 mixed with 1 part Q065 by volume ○ 10% Hardener by volume (Use the same hardener as that in the clear you intend to use) ○ Mix components well and reduce 100 parts of the above mixture by volume with 80 parts HP Reducer by volume · Mid-Coat Color <ul style="list-style-type: none"> ○ 100 parts Autobase Plus Argentum 	
	HVLP or Compliant Spray-Gun Set-Up: 1.2-1.4 mm	Application Air Pressure: HVLP – 10 psi at the air cap maximum. Consult spray gun manufactures' specifications.
	Application 2-3 coats	
	Flash Between Coats at 70°F (21°C) 4-8 minutes	
	Flash time prior to clearcoat at 70°F (21°C) 15-20 minutes	
	Recoatable With: Sikkens EnergySelect LV Autoclear Superior 250 2 Pack Autoclear HS+ LV 2 Pack	

Read complete TDS for detailed product information.

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Suitable Substrates

Sikkens non-sanding (wet-on-wet) preparatory product that is compliant for local regulations
Existing Finishes

Products and Additives

Product Autobase Plus Q878SA Argentum **Item #**390931

Basic Raw Materials

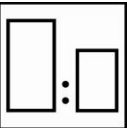
Autobase Plus Q878SA Argentum – physically drying binders
 Hardeners – Polyisocyanates
 Reducers – Solvents
 Clearcoats – Hydroxyl acrylic resins

Substrate Preparation

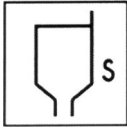
Apply a wet-on-wet sealer following the recommendations for product use in the relevant Technical Data Sheet.

Note: Do not sand the substrate and do not dry spray the non-sanding sealer.
 The leafing aluminum produces a bright aluminum effect. Therefore, it is not advised to spray directly over a sanded substrate, as sanding marks will be visible. Dry spray from overspray of the sealer will provide a dark undesirable effect

Mixing

	<p>Autobase Plus Argentum</p> <ul style="list-style-type: none"> • Foundation Layer <ul style="list-style-type: none"> ○ 3 parts Autobase Plus Q140 mixed with 1 part Q065 by volume ○ 10% Hardener by volume (Use the same hardener as that in the clear you intend to use) ○ Mix components well and reduce 100 parts of the above mixture by volume with 80 parts HP Reducer by volume • Mid-Coat Color <ul style="list-style-type: none"> ○ 100 parts Autobase Plus Q878SA Argentum
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Viscosity When Mixed


 <p>DIN #4</p>	<p>12-18 seconds</p>	<p>All mixtures measured with a DIN #4 viscosity cup at 70°F (21°C).</p>
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**Autobase Plus Q878SA Argentum**


Basecoat

01/09/2017

FOR PROFESSIONAL USE ONLY**Spray Gun Set-Up**

	Consult spray gun manufactures instructions for specific spray gun pressure specifications.		
	Spray Gun	Fluid Tip	Application Pressure
	HVLP Gravity Fed	1.3-1.5 mm	28-30 psi (1.7-2.2 bar at the spray gun air inlet Max 8-10 psi (0.6-0.7 bar) at the air cap 28-30 psi (1.7-2.2 bar at the spray gun air inlet Max 8-10 psi (0.6-0.7 bar) at the air cap
	Gravity Fed	1.2-1.4 mm	
	Pressure Feed	1.0-1.2 mm	
HVLP Pressure Feed	0.8-1.0 mm		

Application

	Foundation Coat – spray to hide Mid coat - Apply 2-3 single thin coats with a flash off in between coats. Do not apply these coats too wet.
	Allow a flash off time between foundation layers of 0-5. Allow a flash off time between Q878SA layers of 4-8 minutes. Allow a flash off time before clearcoat of 0-5 minutes. Flash time will be dependent on ambient temperature, applied paint wetness/thickness and available air-flow.


Film Thickness – Using Suitable Application

1 Coat will achieve a thickness of 0.1-0.2 mils (2.5-5 µm).


Potlife


Foundation coat	4 hours at 70°F (21°C)
Autobase Plus Q878SA Argentum	6 months at 70°F (21°C)
Clearcoats	2 hours at 70°F (21°C)

Drying / Curing Time

	Drying times are stated with the use of recommended application method, film thickness and object temperature.
	Allow Autobase Plus Q878SA Argentum to dry for 5-10 minutes before applying the clearcoat. The maximum amount of time Autobase Plus Q878SA Argentum may be left without clearcoat is 2 days.

Cleaning of Equipment

	Clean equipment following local and federal regulations.
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Theoretical Coverage

	<p>Theoretical coverage is dependent of many factors. These may include; the shape of the object, surface smoothness, application technique and other application variables among others.</p> <ul style="list-style-type: none"> • Foundation Layer – 216.9 sq. ft. / gallon (5.32 m²/lt) • Q878SA – 44.51 sq ft / gallon (1.09 m²/lt)
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VOC / Regulatory Information

	<p>Foundation Layer Ready to spray VOC: Autobase Plus Q140 mixed 3:1 with Q065 and 10% Autoclear HS+ LV 2 Pack Hardener then 100:80 with High Performance Reducers – 6.43 lbs/gal (772 g/L)</p> <p>Autobase Plus Q140 mixed 3:1 with Q065 and 10% EnergySelect 2 Pack Hardener then 100:80 with High Performance Reducers – 6.38 lbs/gal (766 g/L)</p> <p>Autobase Plus Q140 mixed 3:1 with Q065 and 10% Superior 250 2 Pack Hardener then 100:80 with High Performance Reducers – 6.32 lbs/gal (758 g/L)</p> <p>Midcoat Layer VOC as Supplied: Autobase Plus Q878SA Argentum - 7.67 lbs/gal (920 g/L)</p> <p>*Autobase Plus Q878SA Argentum is not compliant in regulated markets. In National Rule areas, Autobase Plus Q878SA Argentum can only be used in combination with the low VOC clearcoats listed within this document.</p>
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Product Storage

	<p>Stock unopened or used products in approved closed containers with proper labeling. Store in moderate temperatures between 40°F - 95°F (5°C – 35°C). Avoid too much temperature fluctuation. Optimum storage temperature is approximately 70°F (21°C).</p>	
	Autobase Plus Q878SA Argentum	4 years

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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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