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Kansai Plascon, Southern Africa's leading manufacturer and marketer of high quality automotive coatings systems, strives to be the unrivalled choice in vehicle refinishing, through continuous research and development, introducing new products and technologies, as well as the investment in people and equipment.

The after market is serviced through our extensive distributor network in South Africa and sub-Saharan Africa. Original motor manufacturers are serviced through a joint venture with Axalta Coating Systems. The joint venture supplies a full range of coatings to all motor manufacturers in South Africa.

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THE ACRYLINE BRAND



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Plascon Acryline has an excellent reputation – offering tried and trusted solutions - turning 25 in 2010, Acryline has been specified by leading fleet owners and body builders for over 2 decades. The Acryline range has proven its **extreme durability, long lasting gloss and good scratch resistant properties while its ultra-smooth finish ensures low dirt collection and easy maintenance.**

Besides the superior performance of the range of Plascon Acryline products, you also enjoy the backup that comes from Kansai Plascon. Offering a high level of competence, thanks to our highly qualified people who specialise in the areas of production, technology and servicing, together with a dedicated and focused distribution network that understands the needs of the end-user and provides excellent service.

You need to protect your valuable assets by maximising the lifespan of your fleet. Plascon Acryline offers a reliable automotive coatings solution that can be depended on. It's because we understand that each customer's requirements are different - that we cater for those unique needs by providing the best systems that last.

So whether you are a Fleet owner or bodybuilder entrusted with specifying a paint system, trust Plascon Acryline to deliver the goods - because it does.

It's your formula for the optimum coatings solution and business success!

QUALITY ASSURANCE

Every batch of Plascon Acryline, whether it's a hardener, thinner, primer or a topcoat, undergoes stringent quality control supported by ISO accreditation. Plascon Acryline is produced from the highest quality pigments, solvents and resins and then manufactured to the highest standards. With Acryline's quality you can be assured of less downtime and increased productivity.

DID YOU KNOW?

Kansai Plascon is supported with numerous Accreditations.



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PREPARING FOR A SUCCESSFUL FINISH

Correct surface preparation and the use of quality materials are the most important principles to ensure a strong protective coating that will not only look good, but will perform excellently under harsh conditions.



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CLEANING

Always ensure that all surfaces are clean, free from dust, oil, grease or other contaminants before commencing with any paintwork. Clean the surface with ATH 310 - Acryline Precleaner before primer application.

PRIMING

For optimum results, ensure that the Refinisher uses the complete Acryline system to paint your vehicle.

A primer provides the following functions:

- Adhesion to the selected surface
- Corrosion protection against harsh environmental conditions
- Film build for a smooth surface onto which the topcoat will be applied
- Intercoat adhesion between primer and topcoat



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**ACRYLINE PROVIDES A
FULL RANGE OF
PRODUCTS TO SUIT
YOUR EVERY NEED:**

**PRIMERS, TOPCOATS,
HARDENERS &
THINNERS**

PRIMERS

EPP: ETCH PRIMER:

- Available in Red Oxide, Black and Grey
- Single pack Epoxy Etch Primer
- Offers excellent weld through properties, adhesion and flexibility
- Etching capabilities
- Corrosion protection
- Fast drying
- Resistant to oil spills and splashes
- Smooth film
- Temperature resistant up to 220° C

APU 104: 5:1 FILL PRIMER

- Excellent filling properties
- Easy to sand, offers superb sag resistance and anti corrosive properties
- Offers good overcoatability and hiding
- Good hold out properties ensuring excellent gloss after application of topcoat

APU 106: 2K EPOXY FILLER PRIMER

- Excellent adhesion to aluminium and various types of steel
- Good filling properties
- Corrosion protection
- Has a 16 hour pot life at 23° C

APU 107: SINGLE PACK ETCH PRIMER

- Corrosion protection
- Excellent adhesion
- Ideal for use on touch ups after welding or application over spot repairs
- Fast drying

For more technical info visit: www.plascon-automotive.co.za

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TOPCOATS

Why is it important to have a good Topcoat

A good topcoat is essential for maintaining the longevity of your vehicle or fleet. Formulated using only top quality automotive resins and light-fast pigments, Plascon Acryline has been specifically developed for use on commercial vehicles. The Acryline range has proven its extreme durability, long lasting gloss and good scratch resistant properties while its ultra smooth finish ensures low dirt collection and easy maintenance.

The Plascon Acryline Range has been specified by leading commercial vehicle operators for years - so you can trust its reputation.

Acryline provides a full range of toners for your complete colour requirements:

Acryline 2K High Performance Topcoats and Clearcoat

- Offers excellent gloss, flow, colour retention and Ultra Violet protection
- High mechanical and chemical resistance
- The Plascon Acryline Topcoat range consists of a range of factory packed colours specifically developed for large fleets
- Your fleet colours can be matched in our fully equipped colour laboratories

Have we formulated your fleet colour?



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HARDENERS AND THINNERS

When it comes to the use of hardeners and thinners, we strongly advise that you use the correct Acryline hardener with the correct combination of Acryline thinners, together with the complete Acryline Pointing System to ensure the best results.

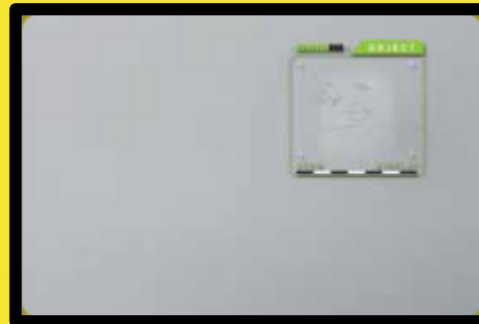
Intermixing of different paint brands is likely to result in the following defects:

- Under or over cross linking
- Coaling will remain soft if under cross linked or brittle if over cross linked
- Loss of gloss
- Intercoat adhesion failure

NEVER mix paint products from different manufacturers.

For best results we encourage users to follow the instructions as specified in the Technical Datasheets, which can be retrieved from www.plascon-automotive.co.za.

EXAMPLES OF PAINT DEFECTS:



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THE RANGE OF HARDENERS INCLUDES:

APU 202: SLOW HARDENER

- Ideal for use in high temperatures (26°C - 35°C)
- Recommended for paintings of large surface areas

APU 203: MEDIUM HARDENER

- Ideal for use in medium temperatures (20°C - 25°C)
- Recommended for use on medium to smaller surface areas

APU 204: FAST HARDENER

- Ideal for use in lower temperatures (16°C - 20°C)
- Recommended for use on small repairs and touch ups



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THE RANGE OF THINNERS INCLUDES:

Acryline's range of thinners are carefully blended to ensure optimum results. Do not sacrifice a good paint finish by using an inferior quality solvent. All Acryline solvents are Methanol free.

ATH 301: SLOW THINNER

- Ideal for use in high temperatures and in conjunction with APU 202 (slow hardener) or APU 203 (medium hardener)

ATH 302: FAST THINNER

- Ideal for use in lower temperatures in conjunction with APU 203 (medium hardener) or APU 204 (fast hardener)

Ambient Temperature	Small Surface Areas		Large Surface Areas	
	Hardener	Thinner	Hardener	Thinner
26 – 35°C	APU 202 Slow	ATH 301 Slow	APU 202 Slow	ATH 301 Slow
20 - 25°C	APU 203 Medium	ATH 301/ATH 302 Slow/Fast	APU 202 Slow	ATH 301 Slow
16 – 20°C	APU 203/APU 204 Medium/Fast	ATH 302 Fast	APU 203/APU 204 Medium/Fast	ATH 301/ATH 302 Slow/Medium



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OTHER PRODUCTS IN THE ANCILLARY RANGE:

ATH 310: PRE-CLEANER

- Ideal for use to remove all contaminants from the substrate

ATH 312: BLENDING IN THINNER

- Ideal for use on spot repairs

ATH 313: AIR DRY PROMOTER PROPERTIES

- Surface drying times are significantly reduced
- Recommended for single vertical panels and spot repairs only

APU 31: 2K MATTING AGENT

This product is used to reduce the gloss of Acryline Topcoats in a controlled manner

ASC 1, 2, 3: STONECHIP PROTECTOR

Plascon Automotive Stonechip Protector guards the underbody of vehicles and prevents damage to the working areas of utility vehicles. It is hard wearing and flexible therefore effectively withstanding abrasion, impact and chips caused by stones and loose gravel. It is also resistant to petrol, oil, and diesel making it resilient and long lasting. The semi-matt protector is available in black, grey or white, making this product a must for all vehicle repairers.



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COLOURISTICS AND FORMULATION SOFTWARE

The importance of colour consistency and quality cannot be stressed enough – especially when it comes to matching the colours of a vehicle or fleet, whether it's a car, bus, truck or a trailer.



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WITH ACRYLINE YOU CAN DEPEND ON:

- Colour retention
- Colour matching capabilities due to an extensive loner range
- Controlled toner strengths are achieved due to tight colour specifications enforced during the manufacturing process
- Accurate colour formulations that can be made to your specific requirement

How does Acryline make a difference in the consistency of colour used on your fleet?

- Colour standards are important from a corporate identity point of view.
- Colour is important as it portrays the image of your fleet. Fleet owners should always have a master painted colour panel, which represents the colour standard of their fleet.

We can always identify and match your colour because it's on record.

- All Acryline fleet colours are formulated against a colour standard, and then stored on our colour database
- The Acryline database is updated and then distributed to all Kansai Plascon distributors throughout South Africa and in many Sub-Saharan countries
- Our process enables you to have an accurate and consistent colour every time you paint your fleet no matter where your fleet is based

The benefits of Acryline software

Acryline software is used by all Kansai Plascon distributors throughout the country and should be used together with the complete Acryline mixing system. Distributors are therefore able to match and mix any colour that may be required by a fleet owner.

For those fleet owners that do their own vehicle paintwork and repairs -an Acryline mixing system is available from an authorised Kansai Plascon distributor. With Acryline software, accurate colour recipes can be easily retrieved. The software package contains all Fleet, SABS and RAL colours, as well as a system which allows you to easily retrieve paint formulations, prices and job costing.

All Technical datasheets are stored on the software and are also available on our website: www.plascon-automotive.co.za



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FLEET SPECIFICATIONS



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A Complete System for your Specific Requirements

To achieve the correct specification for your fleet the complete Acryline system needs to be used in order to achieve complete compatibility - which is essential. Products are developed together as they compliment one another when used together. This will enable us to specify one system for your specific requirements.

The Benefits of a Specification Manual

An approved paint specification has benefits for all of your suppliers as it is easy to use and is also cost efficient. We can develop a tailor made paint specification manual for your fleet. This manual will contain the complete paint specification, including all of your approved fleet colours, approved products, colour formulations, spray outs, process charts and technical datasheets.

Enjoy The Positive Results Of Consistency

Once the specification has been approved, we will go through the entire approval process with the fleet owner and body builder. The body builder can get specifications on the fleet owner's requirements, making it easier to achieve consistency across the entire fleet. Why is this so important? Simply because, by making the process easy to follow, the relationship between fleet owner and body builder is strengthened.

THE ACRYLINE WARRANTY

The Acryline Warranty system has been designed to enable bodybuilders to supply a warranty on the paintwork for their customers. Complete details of the job are recorded online, from the model of the vehicle, to the VIN and chassis numbers. The online system therefore stores all of the necessary information which can be accessed at any time by the fleet owner or the body builder.

The Five Year Warranty is also beneficial to the fleet owner because when completed the fleet owner is reassured that only Acryline products have been used on the vehicle.

For more information register online for the Acryline Five Year Warranty programme on our website: www.plascon-automotive.co.za



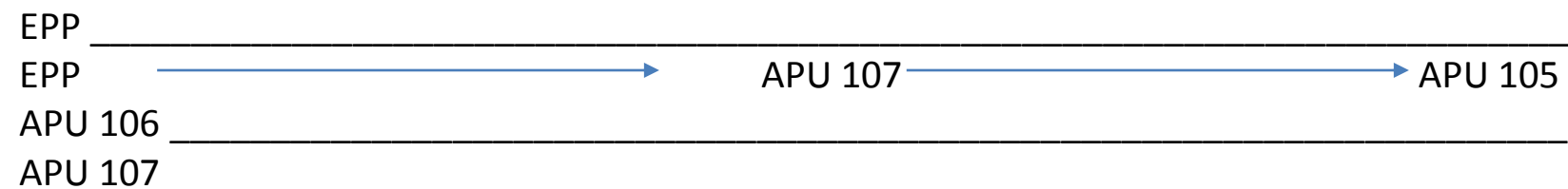
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	Description	Technology	Product Code	Substrate	Hardeners	Thinners	Average DFT per coat	Remarks
1K Primers	Etch Primer Range	Polyvinyl Butyral + Epoxy	EPP 1/2/4	Mild Steel	N/A	KNT 1	Mix 1:1 8 – 12 microns Mix 50 – 80% 15 – 25 microns	Excellent weld through properties, adhesion and flexibility. Provides corrosion protection. Resistant to oil spills & splashes
	Single Pack Etch Primer	Polyvinyl Butyral	APU 107	Mild steel, Aluminium, Galvanise, E-coated Panels	N/A	ATH 301/2	15 – 25 microns	Excellent adhesion with quick drying properties. Ideal for use on touch ups after welding or application over spot repairs. Offers excellent corrosion protection
2K Primers	2:1 Etch Filler	Epoxy Polyamide	APU 106	Mild steel, Aluminium, Galvanise, E-coated Panels, Fibre Glass, Previously Painted Panels	APU 206 catalyst	ATH 301/2	25 – 40 microns	Good filling properties. Outstanding corrosion protection with excellent adhesion to aluminium and various types of steel
	5:1 Fill Primer	Acrylic Polyurethane	APU 104	Direct on Fibre Glass, Gel Coated Panels. Not recommended for use directly on bare steel substrates	APU 202/3	ATH 301/2	45 – 60 microns	Excellent filling properties. Easy to sand, offers superb sag resistance and anti-corrosive properties. Offers good overcoatability and hiding
Topcoats		Acrylic Polyurethane	APU*	To be applied over Kansai Plascon primed panels	APU 202/3/4	ATH 301/2	30 – 40 microns	2K MS Topcoat with excellent gloss, flow, colour retention and UV protection. High mechanical, chemical and weathering resistance
Clearcoat		Acrylic Polyurethane	APU 10*	To be applied over base colours to extend colour life span	APU 202/3/4	ATH 301/2	30 – 40 microns	2K Clearcoat with excellent gloss, flow and UV protection. High mechanical, chemical and weathering resistance

*Acryline Matting Agent, Accelerator and Blending-in Thinner can be used with these Products

ACRYLINE PAINTING SYSTEMS



The painting options listed above are dependent on the working process. For more information contact you Acryline Technical Consultant



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TECHNICAL & TRAINING SUPPORT



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AT KANSAI PLASCON, WE VALUE THE IMPORTANCE OF KNOWLEDGE AND HAVING THE CORRECT TRAINING TO GET THE BEST RESULTS FROM ACRYLINE.

For this reason, we can support you with:

- A Specialised Technical Team to provide you with the correct advice to help you specify the correct products to be used on various substrates, and taking into consideration the environmental conditions where your vehicle will be used.
- Training Centres in Gauteng, KwaZulu Natal and Cape Town so that we can provide specific tailor made training for pointing staff.

