

# Shelflife CR Products

**FOR PROFESSIONAL USE ONLY**
**Description**

Akzo Nobel Car Refinishes guarantees, when stored according to recommendations, the quality of the products until the specified period of time for that product. This time is called the product shelf life. Once the product exceeds the shelf life, although it may still perform well, it is no longer guaranteed by ANCR. A simple quality check can establish the products expected level of performance.

A production date is either printed on the label or on the bottom of the can of every product. Different codes can be encountered on various products. All codes which may be encountered are explained below. On the following pages, the shelflife of all products is listed according the various product groups.

**Production codes**
**9 Number code – 022501605**

5	Production year 2015
016	16th day of that year
05	Production batch nr. 05

**10 Number code – 0225085021**

5	Production year 2015
085	85th day of that year
021	Production batch nr. 021

**Products with codes e.g 023141276**

1	Production year 2011
41	Number of the week
276	Production batch nr. 276

The following products are coded differently.

Hardener for Polysurfacer, Hardener for polyester bodyfillers and 2K Plastic Primer including the Hardener.

05	Production year 05 = 2015
03	Production month 03 = March
22	Production number 22
0001	Production batch nr. 0001

**Polyester bodyfiller hardener – 61670305**

6167	Production batch nr. 6167
03	Production month 03 = March
05	Production year 05 = 2005

**2K Plastic Primer inc. Hardener - 42515030**

5	Production year 2015
150	150 <sup>th</sup> day of that year
30	Production batch nr. 30

**Expiring date**

The labels of products produced in Sassenheim (022) contain additional information about the expiring date of the batch.

This information consists of one letter and a two digit number. The letter explains the month and the number the year in which the batch expires.

Examples:

- B12 = batch expires end of February 2012.
- E14 = batch expires end of May 2014.

The indicated shelflives are guaranteed when products are stored unopened at 20°C.

Avoid too much temperature fluctuations.

<sup>1/2</sup>Product shelflife will be reduced when stored at higher temperatures than recommended.

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<b>Basecoats</b>	
Autobase MM	4 years
All Autobase Plus MM toners, with the exception of the MM toners mentioned below	4 years
Q878ND, Q878NW	2 years
Autobase Plus Q080 Single Stage Converter	1 year
Autobase Plus Q090-Q091 Interior Converters	1 year
Autobase Plus SEC colors	4 years
Autobase Plus RM colors	2 years
Autobase Plus Argentum (Q878SA)	4 years
Autowave MM toners with the exception of the MM toners mentioned below	2 years
335, 400, 732, 744, 952, 980	3 years
332BA, 332GA, 332GB, 332RA, 332SA, 332VA, 332XB, 332XG, 332XS, 332YA, 333P, 333PB, 333PG, 333PR, 334GA, 334GB, 334PR, 334RA, 334RB, 334RD, 334RE, 334WA, 334WB, 334XR, 334ZA, 339NA, 339NB, 339NC, 339ND, 339NE, 339NF, 339NG, 339NH, 339NJ, 339NL	4 years
974, 338NS, 338NW, 268, 338SA	1 year (12 months)
Autowave RM colors with the exception of colors containing 338SA	1 year (12 months)
Autowave RM colors containing 338SA	3 months

<b>Cleaning Solvents</b>	
Autowave Guncleaner	4 years
M200	3 years
M600	4 years
M700	4 years

<b>Clearcoats</b>	
Autoclear LV Superior (Fast-Medium)	4 years
Autoclear 2.0	2 years
Autoclear Expert HS	2 years
Autoclear Xcel	3 years
Autoclear Rapid	4 years
Autoclear Mix & Matt	2 years
Autoclear Aerodry	1 year

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<b>Bodyfillers / Putties</b>	
Kombi Filler	2 years
Polykit IV	1 year

<b>Primers / Primer Surfacer</b>	
1K All Plastics Primer	2 years
Multi Use Filler Xcel	2 years
Priming Filler 680 (grey)	2 years
Primer Surfacer EP	2 years
Washprimer 1K CF	1 year

<b>Aerosols</b>	
1K All Plastics Primer (Aerosol)	1 year
Autosurfacer UV Aerosol	1 year
Spot Primers (Colored) Aerosol	1 year
Spot Sealer Direct to Metal Aerosol	2 years
Washprimer 1K CF (Aerosol)	1 year
Sikkens Rally Black (Aerosol)	1 year

<b>Surfacers</b>	
Autosurfacer UV	1 year
Colorbuild Plus (Colored)	2 years
Colorbuild Plus Dark Grey	2 years

<b>Single Stage Topcoats</b>	
Autocryl Plus MM	4 years
*Autocryl Plus MM A237-A432	2 years
Autocryl Plus Rally Black	4 years
Autocryl Plus LV MM	4 years
Autocryl Rally Black	4 years

<b>Hardeners</b>	
Autoclear LV Hardener	1 year
Autoclear LV Superior Hardener	1 year
Autoclear 2.0 Hardener	1 year
Autoclear Mix & Matt Hardener	1 year
Autocryl Plus LV Hardener	1 year
Autowave 2.0 Hardener	1 year
Colorbuild Plus Sanding Hardener	1 year
Colorbuild Plus Non Sanding Hardener	1 year

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Multi Use Filler Xcel Hardener	1 year
Hardener P25	1 year
Hardener P35	1 year
Polykit Pro Hardener	6 months
Primer Surfacer EP Hardener	1 year
Autoclear Aerodry Hardener	1 year
Autoclear Aerodry Hardener Fast	1 year

<b>Thinners / Reducers</b>	
Akzo Nobel Multi Purpose Thinner	4 years
Activator WB	3 years
Autoclear LV Exclusive Reducer	2 years
Autoclear LV Superior Reducer Fast	2 years
Autoclear LV Superior Reducer Medium	4 years
Autoclear LV Superior Reducer Slow	2 years
LV Eco Reducer (Fast-Medium-Slow)	2 years
Autoclear LV Superior Accelerator	2 years
Autoclear 2.0 Reducer Fast	2 years
Autoclear 2.0 Reducer Slow	2 years
Autoclear 2.0 Reducer HT	2 years
Autoclear Mix & Matt Reducer	2 years
Autocryl Plus LV Thinner	2 years
Autocryl Plus LV Thinner HT	1 year
Autocryl Plus LV Accelerator	1 year
Colorbuild Plus Sanding Activator Fast	1 year
Colorbuild Plus Sanding Activator Slow	2 years
Colorbuild Plus Non Sanding Activator	2 years
Plus Accelerator II	2 years
Plus Reducer (Extra Fast-Fast-Medium-Slow-Extra Slow)	4 years
Plus Reducer Xpress Dry	2 years
SRA Agent	4 years
Autoclear 2.0 SRA	2 years
Thinner X	4 years

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Ancillaries	
Antisilicon	2 years
Autobase Plus Blending Agent	4 years
Autocryl Structure Paste Fine	2 years
Autowave Additive LP	1 year
Autowave Guncleaner	4 years
Autowave Separator	4 years
Blend Prep	4 years
Colorbuild Plus Plastic Additive	2 years
Elast-O-Actif	2 years
Matting Paste	2 years

## Autowave MM toners

Two different codes are indicated on an Autowave MM toner. One code indicates the production date, the other one indicates the MM toner expiry date. The production date is explained on page 1 of this document.

The expiry date is to be read as follows;

A08 = MM toner expiry date is January 2008

B08 = MM toner expiry date is February 2008, etc.

## Shelf life MM colours

If the expiry date is dramatically exceeded, the deterioration can lead to visible defects being detected. Possible defects; viscosity increase, gelling, settlement, particle formation, colour shift and gloss values where applicable. It is highly likely that products that have passed their expiry date will continue to be used. If this is the case, a thorough quality check is recommended.

## Storage conditions

Optimum MM colour quality is guaranteed when products are stored around approximately 20°C and with limited temperature fluctuations. Product storage at temperature of 35°C and higher will reduce the shelf life.

## Gelling

Gelled paint is easy to recognize because of the structure change. The paint will be difficult to dilute or stir to a homogenous mass. MM colours and other paint products when gelled are no longer usable and must be disposed of accordingly.

## Settlement

Due to long product storage settlement can appear. If the product can easily be stirred back into a homogenous mass, it can probably be used without any problem. Severe settlement is called caking. Products that are not possible to stir back to a homogenous mass should be disposed of accordingly.

Settlement can be controlled to a certain extent by inverting cans that are to be stored for longer periods.

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**Pictogram explanation**


Close packaging thoroughly after use.



Store all products unopened in a frost-free place.

Waterborne products:

Maximum recommended transport and storage temperatures between 2½°C-35°C.

Frost causes gelling / lumps in Autowave toners after which they can no longer be used.



Store all products unopened in a cool place.

Do not expose to direct sunlight for prolonged periods..



Store all products unopened free from any moisture.

The indicated shelflife of the products is guaranteed when products are unopened at 20°C.

Avoid extreme temperature fluctuations.

For optimum product performance, store opened products at recommended application temperature.

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**FOR PROFESSIONAL USE WITH SUITABLE HS&E EQUIPMENT**

**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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