

# 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

### 10 Number code - 0225085021

5	Production year 2005	5	Production year 2005
016	16 <sup>th</sup> day of that year	085	85 <sup>th</sup> day of that year
05	Production batch nr. 05	021	Production batch nr. 021

### Products with codes e.g. 023141276

1	Production year 2001
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

### Hardener for Polysurfacer - 0503220001

		05	Production year 05 = 2005
		03	Production month 03 = March
		22	Production number 22
		0001	Production batch nr. 0001

### Polyester bodyfiller hardener - 61670305

### 2K Plastic Primer incl. Hardener - 42515030

6167	Production batch nr. 6167	5	Production year 2005
03	Production month 03 = March	150	150 <sup>th</sup> day of that year
05	Production year 05 = 2005	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: 0221045092 B12 and 0221150983 E14

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

This is a quick reference, please always check the complete code number in case of any improvement updates.



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The indicated shelflives are guaranteed only when products are stored unopened at 20°C.  
 Avoid temperature fluctuations.

*Product shelflife will be reduced when stored at higher temperatures than recommended.*

Table below details which month of the year the actual numbered day appears in

DAY OF YEAR	001-031	032-059	060-090	091-120	121-151	152-181	182-212	213-243	244-273	274-304	305-334	335-365
MONTH	A = JAN	B = FEB	C = MAR	D = APR	E = MAY	F = JUN	G = JUL	H = AUG	I = SEP	J = OCT	K = NOV	L = DEC

### Degreasers

M200	3 years
M 600 Surface Cleaner	4 years
M 700 Antistatic Silicon Remover	4 years
M850 Solvent Free	4 years
OTO Quick Degreaser	4 years

### Bodyfillers / Putties

Polysoft Plastic	1 year
Polykit IV	1 year
Polystop LP	1 year
Kombi Filler	2 year

### Primers / Primer Surfacer

Washprimer 1K CF	1 year
Plastoflex Primer	2 years
Primer Surfacer EP II	2 years
2K Plastic Primer	1 year
1K All Plastic Primer	2 years

### Aerosols

Washprimer 1K CF Aerosol	1 year
Spot Sealer Direct to Metal Aerosol	1 year
Plastoflex Primer Aerosol	2 years
Spot Primers (Colored) Aerosol	1 year
1K All Plastic Primer (Aerosol)	2 years
Autosurfacer UV	9 months

### Surfacer

Autosurfacer HB	2 year
Autosurfacer Rapid	2 year
Autosurfacer 940 HS	2 years
Autosurfacer WB	2 years
Colorbuild	2 years
Colorbuild Plus	2 years
Autosurfacer UV	1 year



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Sealer Plus	1 years
<b>Single Stage Topcoats</b>	
Autocryl Plus LV MM	4 years
*Autocryl Plus LV MM R235-R444	2 years
Autocryl LV 420 MM	4 years
*Autocryl LV MM S140-S237 – S275 – S432	2 years

<b>Basecoat</b>	
Autobase Plus Argentum	6 months
Autobase Plus SEC colors	2 years
Autowave MM toners with the exception of the MM toners mentioned below	4 years (48 months)
335, 400, 732, 744, 952, 980, 888 C-CC-DC-DF-EC-MS-YA	3 years (36 months)
00, 252, 254, 296, 332 XB, 332 XG, 332 XS, 334PR, 334XC, 334XR, 342, 360, 361, 379, 527, 537, 568, 575, 577, 579, 599, 666, 777, 954, 971, 973	2 years (24 months)
101, 267, 357, 534, 558	1 ½ year (18 months)
98, 245, 356, 337BA, 337BB, 337GA, 337RA, 337RB, 337WA, 337YA, 338SA, 974 NS001, NS002, NS003, NS004, NS005, NS006, NS010	1 year (12 months)
Autowave SEC Argentum	1 year

<b>Clearcoats</b>	
Autoclear LV Classic	2 years
Autoclear LV	1 years
Autoclear LV Superior	4 years
Autoclear Mat	4 years
Autoclear UV	2 years
Autoclear WB	1 year
Autoclear LV Exclusive	1 Year

<b>Hardeners</b>	
Autoclear LV Classic Hardener	1 year
Autoclear LV Hardener	1 year
Autoclear LV Superior Hardener	1 year
Autoclear UV Hardener	1 year
Autoclear WB Hardener	1 year
Autoclear LV Exclusive	1Year
Autocryl LV Hardener 420	1 year
Autocryl Plus LV Hardener	1 year
Autosurfacer Rapid Hardener	18 months
Autosurfacer 940 HS Hardener	18 months
Colorbuild Hardener	1 years
Colorbuild Plus Sanding Hardener	1 year
Colorbuild Plus Non Sanding Hardener	1 year
Hardener for Sikkens Polyester putties / polyester bodyfillers	1 year



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Hardener P15	6 months
<b>Hardeners cont'd</b>	
Hardener P25	1 year
Hardener P35	1 year
Primer Surfacer EP II Hardener	1 year
2K Plastic Primer Hardener	1 year

<b>Thinners / Reducers</b>	
Activator WB	3 years
Autoclear LV Superior Reducer	1 year
Autoclear LV Superior Accelerator	1 year
Autoclear LV Reducer	2 years
Autoclear UV Thinner SRA	1 year
Autoclear WB Reducer	2 years
Autoclear LV Exclusive Reducer	2 Years
Autoclear WB Thinner SRA	1 year
Autocryl LV Accelerator 420	1 year
Autocryl LV Thinner 420	2 years
Autocryl Plus LV Thinner	2 years
Autocryl Plus LV Accelerator	1 year
Autosurfacer Reducer Non-Sanding	1 year
Colorbuild Activator Sanding (Fast-Slow)	2 years
Colorbuild Plus Sanding Activator (Extra Fast/Fast/Slow)	1 year
Colorbuild Plus Non Sanding Reducer	1 year
Plus Reducer (Fast-Medium-Slow)	4 years
SRA Agent	1 year
Thinner SRA	4 years
Thinner LV SRA	4 years

<b>Ancillaries</b>	
Anti-Silicon	2 years
Autoclear UV Activator	1 year
Autocryl Structure Paste Fine	2 years
Autosurfacer Flex	2 years
Autowave Additive LP	12 months
Autowave Flex	1 year
Autowave Guncleaner	4 years
Autowave Separator	4 years
Basefix WB	1 year
Blend Prep	2 years
Colorbuild Plus Plastic Additive	1 year
Elast-O-Actif	2 years
OTO Bodycoat	1 year
OTO Bodycoat Sea Wolf Blue	1 year
Plastic Prep	2 years



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## 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 temperatures of 35°C and higher will reduce the shelflife.

## 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 extend by inverting cans that are to be stored for longer periods.*

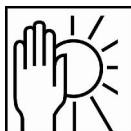
## Pictogram explanation



Close packaging thoroughly after use.



Store all products unopened in a frost-free place.  
*Waterborne products:  
 Maximum recommended transport and storage temperatures between 2 ½°C-35°C.  
 Frost causes gelling/lumps in Autowave toners after which they no longer can be used.*

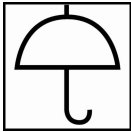


Store all products unopened in a cool place.  
*Do not expose to direct sunlight for longer time.*



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Store all products unopened free from any moisture.

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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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**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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