

PRODUCT CATALOGUE

CLEARCOATS



PROFIX



CAR PAINTS



MULTICHEM

1996

The beginning



2026

The Evolution

Three decades in colour innovation

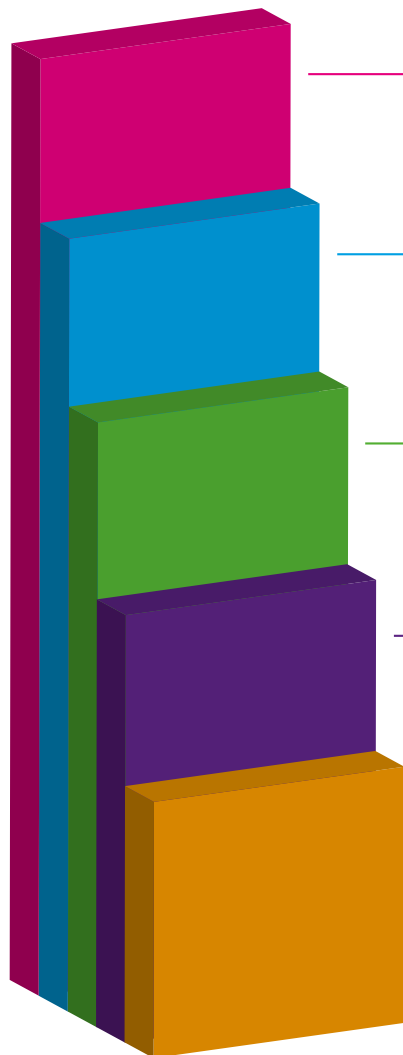
Our company, **Multichem**, and the **Profix** brand, have been in business since 1996 and it should be mentioned that from the very beginning, every day we have been striving for quality, innovation, and excellence to confidently promote our Polish products on the global refinish markets.

Multichem was officially established by friends Piotr Muszkieta and Chris Welgraven, with the first employee Maciej Przybył, who remains a much-valued member of staff to this day.

The first **Profix** products (clearcoats, hardeners and thinners) were distributed only to the Polish market, however, owing to their very high-quality, these products quickly 'crossed borders' and as early as the second year of operation, the company was in cooperation with distributors in all four corners of Europe.

In 2004, our first **Colour Tool** was presented, and in 2005, due to the growth of the "Multichem family", we moved the company headquarters to Luboń. Just one year later, the first Polish waterborne system was developed, which proved a major success and made it necessary to expand our production and warehouse capacity. The following years were also marked by regular participation at Automechanika and many other trade fairs. In 2012, the American **Automotive Art** group became a co-owner of **Multichem**, allowing the expansion of products across the Atlantic Ocean.

In the early days, and to meet our customers' expectations, we used a **Mobile Training Centre**, which allowed our customers direct access to **Profix** technicians and provided excellent training anywhere in Poland and Europe. However, in 2019, the state-of-the-art **Profix - Automotive Art Global Training Centre** located in the company's new headquarters in Tarnowo Podgórne was opened. This futuristic facility allows our customers access to all Multichem products and technical information to ensure they are using the latest products, process, and the techniques to create real value for the companies they represent.



• LAYER 01. PRIMERS AND BODY FILLERS

P595 (CP 595) | P375 (CP 375) | P390 (CP 390) | P363 (CP 363) | P385 (CP 385) | P388 (CP 388) | P399 (CP 399) | P394 (CP 394) | P365 (CP 365) | B332 (CP 332) | B333 (CP 333) | B334 (CP 334) | B335 (CP 335) | B336 (CP 336) | B339 (CP 339) | B341 (CP 341) | B342 (CP 342)

• LAYER 02. MIXING SYSTEMS

Green-Line | A2G | KAR-BON | Acryl | LV Cryl

• LAYER 03. ADDITIVES TO THE SYSTEMS

F 014 | F 018 | LS 01/02/03 | Candy | StarDust | B 03 | 2-001 | Acryl 001 | Acryl 002 | Acryl 003 | DTM 370 | LV Cryl 0C2 | JetBlack

• LAYER 04. CLEARCOATS

C400 (CP 400) | C500 (CP 500) | C1500 (CP 1500) | C1800 (CP 1800) | C2008 (CP 2008) | C2014 (CP 2014) | C2015 (CP 2015) | C2016 (CP 2016) | CM 10

• LAYER 05. SUPPLEMENTARY RANGE

T010 (CP 010) | A011 (CP 011) | A012 (CP 012) | A014 (CP 014) | A015 (CP 015) | A016 (CP 016) | T032 (CP 032) | T040 (CP 040) | T041 (CP 041) | T044 (CP 044) | T048 (CP 048) | T055 (CP 055) | T066 (CP 066) | T070 (CP 070) | T075 (CP 075) | T078 (CP 078) | B004 | 1K Silver Line | Fast | Medium | Fine | Easy | Wax | Polishing pads | Polishing pads O.C.F | Body Guard | A582 (CP 582) | A325 (CP 325) | A998 (CP 998) | A999 (CP 999) | A480 (CP 480) | A490 (CP 490) | Profix mixing cups | Abrasives | Spectrophotometer A6

TABLE OF CONTENTS

LAYER 04. CLEARCOATS

page 12	C400 (CP 400)	ESSENTIAL CLEAR 2K MS 2:1
page 13	C500 (CP 500)	SELECT CLEAR 2K HS 2:1
page 14	C1500 (CP 1500)	PRIME CLEAR 2K MS 2:1
page 15	C1800 (CP 1800)	ROCKET CLEAR 2K HS 2:1
page 16	C2008 (CP 2008)	PRESTIGE CLEAR 2K HS 2:1
page 17	C2014 (CP 2014)	SUPREME CLEAR 2K UHS 4:1
page 19	C2015 (CP 2015)	X-SPEED CLEAR 2K HS 2:1
page 20	C2016 (CP 2016)	DIAMOND CLEAR 2K VHS 4:1
page 21	CM 10	MATT CLEAR 2K MS 2:1

NOTES





LAYER 04. CLEARCOATS

The clearcoat serves a dual purpose, functioning firstly as a protective coat and secondly enhancing visual appearance of the basecoat beneath. All **Profix** clearcoats significantly enhance the final colour of the vehicle, imparting heightened clarity, embellished lustre, and vibrancy. Alternatively, it is adept at preserving the matt appearance of the coating when this is the desired effect. Positioned as the uppermost layer in the paint system, the clearcoat plays a pivotal role in safeguarding against the harsh effects of weathering and environmental elements. It boasts exceptional resistance to erosion and scratching, demonstrating efficacy in both wet and dry conditions. Additionally, it exhibits chemical resistance, providing a formidable shield against detergents, bird droppings, and oil. To fortify the coating against solar radiation, particularly ultraviolet waves, our clearcoats incorporate organic and inorganic UV nano-absorbers. Rigorous laboratory testing, including trials conducted in Miami, attests to their effectiveness. **Profix** proudly offers a diverse array of clearcoats meticulously designed for various processes and substrates, each tailored to meet the exacting specifications of our discerning clientele. Our product range spans from economical options to premium offerings, distinguished by their unique functionalities and properties.

PRODUCT CODES THAT TELL YOU MORE

Our product naming system is changing. Previously, all products were identified using the common prefix **CP**, regardless of their category, for example: **CP 399**, **CP 332**, **CP 2015** and **CP 3015**.

In the new system, the **CP** prefix is replaced by a letter indicating the product category. This makes products easier to identify, organize and select.

NEW PREFIX	PRODUCT CATEGORY	EXAMPLES OF NOTATION
P	PRIMER	P595, P394, P390, P363, P385, P388, P399, P375
B	BODY FILLER	B332, B333, B334, B335, B336, B339, B341, B342
C	CLEAR COAT	C400, C500, C1500, C1800, C2008, C2014, C2015, C2016, CM 10
H	HARDENER	H208, H208 S, H218, H245, H269, H282, H285, H286, H294, H3014, H3015, H3016, H3014 S, H3014 F, H3016 F
T	THINNER	T010, T032, T040, T041, T048, T055, T070, T075, T078
A	ANCILLARIES	A582, A998, A999

Previously:
CP 2015

New designation:
C2015

C2015
product category product number

NEW LABEL

New PROFIX logo

Product group

Key product features

Consistent colour scheme, e.g. for PRIMERS: grey graphics and pink elements.

Peel-off label

New MULTICHEM logo





**C400
(CP 400)**

**ESSENTIAL CLEAR
2K MS 2:1**

CP 400, a two-component clearcoat, has been expertly crafted to deliver a flawless, scratch-resistant finish. Impressively, this versatile solution achieves a high-gloss appearance with just two coats, offering exceptional coverage for surfaces of varying sizes. Users can effortlessly tailor viscosity to their preferences by incorporating **CP 040** thinner, with a recommended ratio of up to 10%. In response to diverse project needs, **CP 400** is available in 1 and 5-Litre tins, providing a range of practical options for professionals and enthusiasts alike.

PACKAGING	
Volume	Collective packaging
1 l	6 pcs.
5 l	4 pcs.



**SCRATCH-
RESISTANT**



**VISCOSITY CONTROL
BY ADDING THINNER**



EFFICIENT



EASY TO USE



SPRAY VISCOSITY

18-22 sec. DIN Flow Cup 4 mm



RECOMMENDED SIZES FOR PAINT STRAINER

125-190 µm



PAINT EFFICIENCY

~7 m²/l



POT LIFE

6 hrs



DRY FILM THICKNESS

1 coat - 10-15 µm



POLISHING

Abrade with **P1500-P2500** range.
The polishing can then be carried
out with the **Profix polishing
system**



MINIMUM SHELF LIFE

CP 400: 24 months in originally
sealed packaging
CP 282/ CP 285/ CP 286:
12 months in originally sealed
packaging



VOC

2004/42/WE/IIIB(e)(840)<840



SUBSTRATE PREPARATION

Ensure basecoat surface is clean
using antistatic cloth before
applying clearcoat for a flawless
finish



MIXING RATIO

2:1
100 parts of **CP 400**
50 parts of hardener **CP 282/ CP 285/**
CP 286
add **10%** of thinner **CP 040/**
CP 070/ CP 055/ CP 075



SPRAY GUN SETTINGS

Nozzle size: **1.2-1.4 mm;**
Operating pressure: **HVLP/RP 1.8-2.0 bar**



APPLICATION

2-3 full coats



EVAPORATION TIME AFTER APPLICATION

5-10 min after coating at **20°C**
and **65%** relative humidity



DRYING

Drying times at **20°C** and
65% relative humidity:
- dust dryness: **15 min**
- non-tacking: **40 min**
- for assembly: **5 hrs**
- thoroughly: **12 hrs**
Drying times at **60°C** and
65% relative humidity:
- for assembly: **30 min**



IR DRYING

~30 min

PROCESS

PROCESS

PROCESS



**C500
(CP 500)**

**SELECT CLEAR
2K HS 2:1**

CP 500, a two-component clearcoat, has been expertly crafted to deliver a flawless, scratch-resistant finish. Impressively, this versatile solution achieves a high-gloss appearance with just two coats, offering exceptional coverage for surfaces of varying sizes. Users can effortlessly tailor viscosity to their preferences by incorporating **CP 040** thinner, with a recommended ratio of up to 10%. In response to diverse project needs, **CP 500** is available in 1 and 5-Litre tins, providing a range of practical options for professionals and enthusiasts alike.

PACKAGING	
Volume	Collective packaging
1 l	6 pcs.
5 l	4 pcs.



**SCRATCH-
RESISTANT**



**VISCOSITY CONTROL
BY ADDING THINNER**



EFFICIENT



EASY TO USE



SPRAY VISCOSITY
18-22 sec. DIN Flow Cup 4 mm



**RECOMMENDED SIZES
FOR PAINT STRAINER**
125-190 µm



PAINT EFFICIENCY
~7 m²/l



POT LIFE
6 hrs



DRY FILM THICKNESS
1 coat - 10-15 µm



POLISHING
Abrade with **P1500-P2500** range.
The polishing can then be carried
out with the **Profix polishing
system**



MINIMUM SHELF LIFE
CP 500: 24 months in originally
sealed packaging
CP 282/ CP 285/ CP 286:
12 months in originally sealed
packaging



VOC
2004/42/WE/IIIB(e)(840)<840

PROCESS

PROGRESS

PROGRESS



SUBSTRATE PREPARATION
Ensure basecoat surface is clean
using antistatic cloth before
applying clearcoat for a flawless
finish



MIXING RATIO
2:1
100 parts of **CP 500**
50 parts of hardener **CP 282/ CP 285/
CP 286**
add **10%** of thinner **CP 040/
CP 070/ CP 055/ CP 075**



SPRAY GUN SETTINGS
Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**



APPLICATION
2-3 full coats



**EVAPORATION TIME
AFTER APPLICATION**
5-10 min after coating at **20°C**
and **65%** relative humidity



DRYING
Drying times at **20°C** and
65% relative humidity:
- dust dryness: **15 min**
- non-tacking: **40 min**
- for assembly: **5 hrs**
- thoroughly: **12 hrs**
Drying times at **60°C** and
65% relative humidity:
- for assembly: **30 min**



IR DRYING
~30 min



**C1500
(CP 1500)**

**PRIME CLEAR
2K MS 2:1**

CP 1500 is a high-quality clearcoat formulated with MS resin, ensuring a superior transparent coating suitable for both small and large areas. Recognized for its excellent flow, **CP 1500** boasts outstanding resistance to scratches and weathering, maintaining durability over time.

This clearcoat achieves a high-gloss finish and, when combined with **CM 10**, can also attain an appealing semi-matt appearance. Conveniently available in 1 and 5-Litre tins, **CP 1500** provides a versatile and practical solution for a range of projects.

PACKAGING

Coverage	Collective packaging
1 l + 0.5 l (hardener)	6 pcs. + 6 pcs.
5 l + 2.5 l (hardener)	4 pcs. + 4 pcs.



**SCRATCH-
RESISTANT**



**SEMI-MATT SURFACE
CAN BE PRODUCED**



**WEATHER-
RESISTANT**



HIGH GLOSS FINISH



**VERY GOOD PAINT
FLOW**



SPRAY VISCOSITY

15-16 sec. DIN Flow Cup **4 mm**



RECOMMENDED SIZES FOR PAINT STRAINER

125-190 µm



PAINT EFFICIENCY

~7 m²/l



POT LIFE

~ 6 hrs



DRY FILM THICKNESS

1 coat - 20-25 µm



POLISHING

Abrade with **P1500-P2500** range. The polishing can then be carried out with the **Profix polishing system**



MINIMUM SHELF LIFE

CP 1500: 24 months in originally sealed packaging
CP 285/ CP 282/ CP 286: 12 months in originally sealed packaging



VOC

2004/42/WE/IIIB(e)(840) 565

PROCESS

PROCESS

PROCESS



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using antistatic cloth before applying clearcoat for a flawless finish



MIXING RATIO

2:1
100 parts of **CP 1500**
50 parts of hardener **CP 285**
add **10%** of thinner
CP 040/ CP 070/ CP 055/ CP 075
Alternative hardeners:
CP 282 (fast) **< 15°C**
CP 286 (slow) **>25°C**



SPRAY GUN SETTINGS

Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/HP **1.8-2.0 bar**



APPLICATION

2 full coats



EVAPORATION TIME AFTER APPLICATION

5-10 min after coating at **20°C**
and **65%** relative humidity



DRYING

Drying times at **20°C** and **65%** relative humidity:
- dust dryness: **15 min**
- non-tacking: **40 min**
- for assembly: **5 hrs**
- thoroughly: **10 hrs**

Drying times at **60°C** and **65%** relative humidity:
- for assembly: **30 min**



IR DRYING

~30 min



**C1800
(CP 1800)**

**ROCKET CLEAR
2K HS 2:1**

Rocket Clear stands as an ideal solution for repairing various items with small to medium-sized surfaces. Noteworthy for its excellent flow ability and rapid drying and evaporation times, Rocket Clear offers unparalleled efficiency. **CP 1800**, uniquely merges the benefits of fast and slow clearcoats, ensuring a high final hardness, making it particularly well-suited for "smart repairs."

For added convenience, **Rocket Clear** is available in 1 and 5-Litre tins, providing a practical and versatile choice for a range of repair projects.

PACKAGING	
Volume	Collective packaging
1 l + 0.5 l (hardener)	6 pcs. + 6 pcs.
5 l + 2.5 l (hardener)	4 pcs. + 4 pcs.



**SCRATCH-
RESISTANT**



**VERY SHORT
DRYING TIME**



**PERFECT FOR
SMART REPAIR**



**GIVES A HIGH GLOSS
AND INTENSITY**



GOOD PAINT FLOW



SPRAY VISCOSITY

16-18 sec. DIN Flow Cup 4 mm



RECOMMENDED SIZES FOR PAINT STRAINER

125-190 µm



PAINT EFFICIENCY

~7-8 m²/l



POT LIFE

~2-3 hrs



DRY FILM THICKNESS

1 coat - ~25 µm



POLISHING

Abrade with **P1500-P2500** range. The polishing can then be carried out with the **Profix polishing system**



MINIMUM SHELF LIFE

CP 1800: 24 months in originally sealed packaging
CP 269: 12 months in originally sealed packaging



VOC

2004/42/WE/IIIB(e)(840) 535



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using antistatic cloth before applying clearcoat for a flawless finish



MIXING RATIO

2:1
100 parts of **CP 1800**
50 parts of hardener **CP 269**
add **10-20%** of thinner **CP 040/ CP 070/ CP 055/ CP 075**



SPRAY GUN SETTINGS

Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**



APPLICATION

2 full coats



EVAPORATION TIME AFTER APPLICATION

3-5 min after application at **20°C**
and **65%** relative humidity



DRYING

Drying times at **20°C** and **65%** relative humidity:
- dust dryness: **30 min**
- non-tacking: **1 hrs**
- thoroughly: **~1,5- 2 hrs**

Drying times at **40°C** and **65%** relative humidity:
- for assembly: **30 min**

Drying times at **60°C** and **65%** relative humidity:
- for assembly: **15 min**



IR DRYING

~20 min

PROCESS

PROCESS

PROCESS



**C2008
(CP 2008)**

**PRESTIGE CLEAR
2K HS 2:1**

CP 2008, two-component clearcoat, boasts a distinctive profile with low organic content (<420 g/l) and an exceptionally high solid content. This unique formulation results in a coating that showcases a captivating blend of high gloss, intensity, and formidable resistance against scratching and weathering. What sets **CP 2008** apart is its capacity to form a substantial film, making it adaptable for both small and large-area applications. Elevating its performance, this clearcoat not only imparts an extra layer of gloss but also ensures extreme scratch resistance and remarkable UV protection, contributing to enduring durability and aesthetic excellence.

In response to diverse project needs, **CP 2008** is available in 1 and 5-Litre tins, providing a practical and versatile choice for an array of coating applications

PACKAGING	
Volume	Collective packaging
1 l	6 pcs.
5 l	4 pcs.



**SCRATCH-
RESISTANT**



**CREATES
A THICK LAYER**



WEATHER-RESISTANT



DEEP GLOSS



**MULTIPLE OPTIONS
OF REDUCING**



SPRAY VISCOSITY

18-22 sek DIN Flow Cup 4 mm



RECOMMENDED SIZES FOR PAINT STRAINER

125-190 µm



PAINT EFFICIENCY

~7 m²/l



POT LIFE

1 hrs



DRY FILM THICKNESS

1 coat -25-30 µm



POLISHING

Abrade with **P1500-P2500** range. The polishing can then be carried out with the **Profix polishing system**



MINIMUM SHELF LIFE

CP 2008: 24 months in originally sealed packaging
CP 208, CP 208S, CP 208F: 12 months in originally sealed packaging



VOC

2004/42/WE IIB(d) (420) 419

PROCESS

PROCESS

PROCESS



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using antistatic cloth before applying clearcoat for a flawless finish



MIXING RATIO

2:1
100 parts of **CP 2008**
50 parts of hardener **CP 208**
add **2.5-10%** of thinner **CP 040/ CP 070/ CP 055/ CP 075**

Alternative hardeners:

CP 208 Fast < 15°C

CP 208 Slow >25°C



SPRAY GUN SETTINGS

Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/HP **1.8-2.0 bar**



APPLICATION

1.5-2 coats



EVAPORATION TIME AFTER APPLICATION

5-10 min after coating at **20°C**
and **65%** relative humidity



DRYING

Drying times at 20°C and 65% relative humidity:

	CP 208	CP 208S	CP 208F
Dust dryness	30 min	45 min	25 min
Non-tacking	1.5 hrs	2 hrs	1 hr
For assembly	7 hrs	8 hrs	6 hrs
Throughout	10 hrs	12 hrs	8 hrs

Drying times at 60°C and 65% relative humidity:

For assembly	30 min	35 min	25 min
--------------	--------	--------	--------



IR DRYING

CP 208: 30 min, **CP 208S**: 35 min,
CP 208F: 25 min



C2014
(CP 2014)

SUPREME CLEAR
2K UHS 4:1

CP 2014, two-component clearcoat, stands out for its excellent flow ability and convenient, swift application. Crafted from a premium HS resin with a substantial solids content (High Solid), this clearcoat achieves a remarkable blend of high gloss and intense clarity. Noteworthy for its efficiency, scratch resistance, and weatherproof attributes, **CP 2014** ensures enduring quality. Manufactured to facilitate both small and large-scale applications, **CP 2014** offers a versatile coating solution for prestige vehicles. Furthermore, this clearcoat is available in 1 and 4-Litre tins, providing a practical and adaptable choice for various project sizes.

PACKAGING	
Volume	Collective packaging
1 l + 0.25 l (hardener)	6 pcs. + 6 pcs.
4 l + 1 l (hardener)	4 pcs. + 6 pcs.



SCRATCH-
RESISTANT



EFFICIENT



WEATHER-
RESISTANT



HIGH GLOSS FINISH



EASY
APPLICATION



SPRAY VISCOSITY
18-22 sec. DIN Flow Cup 4 mm



**RECOMMENDED SIZES
FOR PAINT STRAINER**
125-190 µm



PAINT EFFICIENCY
~8-9 m²/l



POT LIFE
CP 3014 and CP 3114: ~1 hrs
CP 3214: ~0,5



DRY FILM THICKNESS
1 coat - 25-30 µm



POLISHING
Abrade with
P1500-P2500 range. The
polishing can then be carried out
with the **Profix polishing system**



MINIMUM SHELF LIFE
CP 2014: 24 months in originally
sealed packaging
CP 3014, CP 3114, CP 3214:
9 months in originally sealed
packaging



VOC
2004/42/WE/IIIB(e)(840) 577

PROCESS

PROGRESS

PROGRESS



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using antistatic cloth before applying clearcoat for a flawless finish



MIXING RATIO

4:1
100 parts of CP 2014
25 parts of hardener CP 3014 (CP 3114, CP 3214)
add **5-10%** of thinner CP 040/ CP 070/
CP 055/ CP 075

Alternative hardeners:
CP 3214 (fast) < 15°C
CP 3114 (slow) > 25°C



SPRAY GUN SETTINGS

Nozzle size: **1,2-1,4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**



APPLICATION

1.5-2 coats



EVAPORATION TIME AFTER APPLICATION

At **20°C** and **65%** relative humidity:
- CP 3014: ~ 5 min
- CP 3114: ~ 10 min
- CP 3214: ~ 3 min



DRYING

Drying times at 20°C and 65% relative humidity:

	CP 3014	CP 3114	CP 3214
Dust dryness	10-15 min	30 min	5-10 min
Non-tacking	20 min	25 min	15 min
For assembly	6 hrs	7 hrs	2 hrs
Throughout	10 hrs	12 hrs	5 hrs

Drying times at 60°C and 65% relative humidity:

	CP 3014	CP 3114	CP 3214
For assembly	30 min	45 min	10-15 min



IR DRYING

CP 3014: 20-30 min, CP 3114: 25 min,
CP 3214: 10-15 min



Highlight a unique surface with high gloss and depth

C1800 (CP 1800) / C2008 (CP 2008) / C2015 (CP 2015) / C2016 (CP 2016)



C2015 (CP 2015)

X-SPEED CLEARCOAT 2K HS 2:1

CP 2015 clearcoat, based on high-quality HS resin, stands out for its notable advantage: rapid drying times of 5 minutes at 60°C, 15 minutes at 40°C, and less than 60 minutes at 20°C. The exceptionally high solids content (High Solid) ensures the creation of a high-gloss and intense coating, making it ideal for both small and large-scale applications, particularly well-suited for smart repair work.

An additional benefit lies in its extended open time, allowing the painting of multiple parts simultaneously without generating overspray. **CP 2015** is further distinguished by its high scratch resistance, ensuring lasting durability. Available in 1 and 5-Litre tins, this clearcoat provides a practical and adaptable solution for various painting projects.

PACKAGING

Volume	Collective packaging
1 l + 0.5 l (hardener)	6 pcs. + 6 pcs.
5 l + 2.5 l (hardener)	4 pcs. + 4 pcs.



SCRATCH-
RESISTANT



VERY SHORT DRYING
TIME



PERFECT FOR
SMART REPAIR



GIVES A HIGH GLOSS
AND INTENSITY



1,5 COATS
CAN BE APPLIED



SPRAY VISCOSITY
16-20 sec. DIN Flow Cup 4 mm



**RECOMMENDED SIZES
FOR PAINT STRAINER**
125-190 µm



PAINT EFFICIENCY
8-10 m²/l



POT LIFE
~1 hrs



DRY FILM THICKNESS
1 coat - ~30 µm



POLISHING
Abrade with **P1500-P2500** range.
The polishing can then be carried
out with the **Profix polishing
system**



MINIMUM SHELF LIFE
CP 2015: 24 months in originally
sealed packaging
CP 3015, CP 3015S: 12 months in
originally sealed packaging



VOC
2004/42/WE IIB(d) (420) 420

PROCESS

PROGRESS

PROGRESS



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using
antistatic cloth before applying clearcoat
for a flawless finish



MIXING RATIO

2:1
100 parts of **CP 2015**
50 parts of hardener **CP 3015**
(thinner not to be added)



SPRAY GUN SETTINGS

Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**;



APPLICATION

1.5-2 coats



EVAPORATION TIME AFTER APPLICATION

5-10 min after coating at **20°C**
and **65%** relative humidity



DRYING

Drying times at 20°C and 65% relative humidity:

	CP 3015	CP 3015S
Dust dryness	15 min	25 min
Non-tacking	25 min	40 min
For assembly	1 hr.	1,5 hrs

Drying times at 40°C and 65% relative humidity:

For assembly	15 min	20 min
--------------	--------	--------

Drying times at 60°C and 65% relative humidity:

For assembly	5 min	7-8 min
--------------	-------	---------



IR DRYING

CP 3015: ~5 min, **CP 3015S:** 7-8 min



C2016 (CP 2016)

DIAMOND CLEAR 2K VHS 4:1

CP 2016, an VHS resin-based clearcoat conforming rigorously to EU standards, stands out for its impressive attributes. With a notably high solid content, it delivers comprehensive gloss in only one and a half coats, showcasing unparalleled clarity and vividness. Its exceptional scratch resistance and weatherproof qualities ensure long-lasting performance. A key highlight lies in its innovative 4:1 mixing ratio, employing cutting-edge resin technology to achieve an extraordinary gloss and smoothness. This elevates **CP 2016** to a premium offering within our product line. To accommodate diverse project needs, this exceptional clearcoat is available in 1 and 4-Litre tins, providing practicality and versatility across various coating applications.

PACKAGING

Volume	Collective packaging
1 l + 0.25 l (hardener)	6 pcs.
4 l + 1 l (hardener)	4 pcs.



SCRATCH-
RESISTANT



1.5 COATS CAN BE
APPLIED



WEATHER-
RESISTANT



GIVES A HIGH GLOSS
AND INTENSITY



SMOOTH AND
UNIFORM COATING



SPRAY VISCOSITY

15-19 sec. DIN Flow Cup 4 mm



RECOMMENDED SIZES FOR PAINT STRAINER

125-190 µm



PAINT EFFICIENCY

~8-10 m²/l



POT LIFE

CP 3016: ~ 1 hrs
CP 3216: ~0,5 hrs



DRY FILM THICKNESS

1 coat - ~30-35 µm



POLISHING

Abrade with **P1500-P2500** range.
The polishing can then be carried
out with the **Profix polishing**
system



MINIMUM SHELF LIFE

CP 2016: 24 months in originally
sealed packaging
CP 3016, CP 3216: 12 months in
originally sealed packaging



VOC

2004/42/WE IIB(d) (420) 420

PROCESS

PROGRESS

PROGRESS



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using
antistatic cloth before applying clearcoat
for a flawless finish



MIXING RATIO

4:1
100 parts of CP 2016 + **25 parts** of
hardener **CP 3016, (CP 3216)**, optionally
add
0-10% of thinner **CP 040/ CP 070/**
CP 055/ CP 075



SPRAY GUN SETTINGS

Nozzle size: **1.2-1.4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**



APPLICATION

1.5-2 coats



EVAPORATION TIME AFTER APPLICATION

At **20°C** and **65%** relative humidity **5-10 min**
(**CP 3016**), **3-5 min** after coating



DRYING

Drying times at 20°C and 65% relative humidity:

	CP 3016	CP 3216
Dust dryness	20-30 min	5-10 min
Non-tacking	1 hr.	~ 1 hr.
For assembly	6 hrs	5 hrs
Throughout	10 hrs	~ 8 hrs
Drying times at 60°C and 65% relative humidity:		
For assembly	30 min	25 min



IR DRYING

~15-20 min



CM 10

MATT CLEAR
2K MS 2:1

CM 10 clearcoat is designed for a sleek matt finish, providing high scratch resistance and weatherproofing. Its versatility is demonstrated by the range of matt degrees achievable through different mixtures, particularly when combined with **CP 1500** paint. **CM 10** ensures a uniform effect without the risk of blemishes and allows for easy cleaning. What sets **CM 10** apart is its inherent stability, thanks to matting components that resist settling and separation from the resin. This characteristic guarantees consistent performance over time. For added convenience, **CM 10** is available in 1 and 5-Litre tins, offering practical options for various sleek matt finish applications

PACKAGING	
Volume	Collective packaging
1 l	6 pcs.
5 l	4 pcs.



SCRATCH-
RESISTANT



PRODUCES MATT
COATINGS



WEATHER-RESISTANT



ALLOWS VARIOUS
DEGREES OF MATT
TO BE OBTAINED



POSSIBILITY
OF WAXING



SPRAY VISCOSITY
18-22 sec. DIN Flow Cup 4 mm



**RECOMMENDED SIZES
FOR PAINT STRAINER**
125-190 µm



PAINT EFFICIENCY
~7 m²/l



POT LIFE
~2 hrs



DRY FILM THICKNESS
~25 µm



MINIMUM SHELF LIFE
CM 10: 24 months in originally sealed packaging
CP 285: 12 months in originally sealed packaging



VOC
2004/42/WE/IIIB(e)(840) 539



SUBSTRATE PREPARATION

Ensure basecoat surface is clean using antistatic cloth before applying clearcoat for a flawless finish



MIXING RATIO

2:1
100 parts of **CM 10** + **50 parts** of hardener **CP 285** are added to **20%** of thinner **CP 040/ CP 070/ CP 055/ CP 075**

Paint mixture (to be mixed before adding hardener)		Degree of matting
CM 10	CP 1500	
100%	-	full matt
75%	25%	medium matt
50%	50%	semi-matt
25%	75%	semi-gloss



SPRAY GUN SETTINGS

Nozzle size: **1,2-1,4 mm**;
Operating pressure: HVLP/RP **1.8-2.0 bar**



APPLICATION

2 full coats



EVAPORATION TIME AFTER APPLICATION

5-10 min after coating at **20°C** and **65%** relative humidity



DRYING

Drying times at **20°C** and **65%** relative humidity:
- dust dryness: **20 min**
- non-tacking: **40 min**
- for assembly: **5 hrs**
- thoroughly: **10 hrs**

Drying times at **60°C** and **65%** relative humidity:
- for assembly: **30 min**

PROCESS

PROCESS

PROCESS

HARDENER OPTIONS

SPECIFICATION	H282 (CP 282)	H285 (CP 285)	H286 (CP 286)	
Hardener	fast	standard	slow	
Temperature of use	10-20°C	15-25°C	25-35°C	
Product compatibility	C1500 (CP 1500) / CM 10 / Acryl / P399 (CP 399)/ P363 (CP 363) / P385 (CP 385) / P365 (CP 365) / C400 (CP 400) / C500 (CP 500) / P388 (CP 388) / P375 (CP 375) / CP 370 DTM			
Pros	● eliminating the need for separate formulations ● reduced complexity ● ensuring consistency in the final product ● less chance for variability in the hardening process ● using one hardener can potentially reduce costs associated with purchasing, storing, and handling multiple hardeners			
Effect on the product	 SMOOTHER SURFACE	 EASIER AND MORE EFFICIENT SANDING	 ADAPTABILITY TO ATMOSPHERIC CONDITIONS NOT ONLY BY CHANGING THINNERS	 NONE OF THE TESTED PARAMETERS PERFORMED WORSE

Hardeners

Table

Symbol	Name	Packaging		Use for:	Mixing ratio	Use at ambient temperature [°C]
		Unit	Collective			
H208 (CP 208)	Hardener HS	500 ml	6 pcs.	C2008 (CP 2008 HS)	2:1	15-25
		2,5 L	4 pcs.			
H208 S (CP 208 S)	Hardener HS slow	500 ml	6 pcs.	C2008 (CP 2008 HS)	2:1	25-35
		2,5 L	4 pcs.			
H218 (CP 218)	Hardener MS "air dry" very fast	250 ml	10 pcs.	C400 (CP 400 MS), C1500 (CP 1500 MS), Acrylic, P375 (CP 375)	2:1	10-20
		500 ml	6 pcs.			
		1 L	5 pcs.			
		2,5 L	4 pcs.			
H245 (CP 245)	Hardener	500 ml	6 pcs.	P595 (CP 595)	2:1	15-25
H269 (CP 269)	Hardener	500 ml	6 pcs.	C1800 (CP 1800)	2:1	10-20
		2,5 L	4 pcs.			
H282 (CP 282)	Hardener MS fast	250 ml	10 pcs.	C400 (CP 400 MS), C500 (CP 500 HS), C1500 (CP 1500 MS), CM 10, Acryl, P363 (CP 363), CP 365, P375 (CP 375), P385 (CP 385), P388 (CP 388), P399 (CP 399)	2:1	10-20
		500 ml	6 pcs.		4:1	
		1 L	6 pcs.		5:1	
		2,5 L	4 pcs.			
		5 L	4 pcs.			
H285 (CP 285)	Hardener MS	150 ml	10 pcs.	C400 (CP 400 MS), C500 (CP 500 HS), C1500 (CP 1500 MS), CM 10, Acryl, P363 (CP 363), CP 365, P375 (CP 375), P385 (CP 385), P388 (CP 388), P399 (CP 399)	2:1	15-25
		200 ml	10 pcs.		4:1	
		250 ml	10 pcs.		5:1	
		500 ml	6 pcs.			
		1 L	6 pcs.			
		2,5 L	4 pcs.			
		5 L	4 pcs.			
H286 (CP 286)	Hardener MS slow	500 ml	6 pcs.	C400 (CP 400 MS), C500 (CP 500 HS), C1500 (CP 1500 MS), CM 10, Acryl, P363 (CP 363), CP 365, P375 (CP 375), P385 (CP 385), P388 (CP 388), P399 (CP 399)	2:1	25-35
		1 L	6 pcs.		4:1	
		2,5 L	4 pcs.		5:1	
H294 (CP 294)	Hardener	0,8 L	6 pcs.	CP 394 HS	1:1	15-25
H3014 (CP 3014)	Hardener UHS	250 ml	10 pcs.	C2014 (CP 2014 UHS)	4:1	15-25
		1 L	6 pcs.			
H3015 (CP 3015)	Hardener HS	500 ml	6 pcs.	C2015 (CP 2015 HS)	2:1	15-25
		2,5 L	4 pcs.			
H3016 (CP 3016)	Hardener VHS	250 ml	10 pcs.	C2016 (CP 2016 VHS)	4:1	15-25
		1 L	6 pcs.			
H3014 S (CP 3114)	Hardener UHS slow	250 ml	10 pcs.	C2014 (CP 2014 UHS)	4:1	25-35
		1 L	6 pcs.			
H3014 F (CP 3214)	Hardener UHS fast	250 ml	10 pcs.	C2014 (CP 2014 UHS)	4:1	10-20
		1 L	6 pcs.			
H3016 F (CP 3216)	Hardener VHS fast	250 ml	10 pcs.	C2016 (CP 2016 VHS)	4:1	10-20
		1 L	6 pcs.			
H 004	Hardener	500 ml	6 pcs.	B 004	4:1	15-25
C85H	Hardener	500 ml	6 pcs.	LV CRYL	2:1	15-25
		1 L	6 pcs.			
		2,5 L	4 pcs.			
C86H	Hardener slow	500 ml	6 pcs.	LV CRYL	2:1	25-35

Thinners

Table

Symbol	Name	Packaging		Type	Use for	Use at ambient temperature [°C]
		Unit	Collective			
T010 (CP 010)	Waterborne thinner	500 ml	11 pcs.	waterborne	A26	15-25
		1 L	6 pcs.			
		5 L	3 pcs.			
T032 (CP 032)	Putty thinner	1 l	6 pcs.	for spray putty	B332 (CP 332)	15-25
T040 (CP 040)	Acrylic thinner	500 ml	6 pcs.	2K	P388 (CP 388), P399 (CP 399), P385 (CP 385), C2016 (CP 2016), C2014 (CP 2014), C1800 (CP 1800), C2015 (CP 2015), C1500 (CP 1500), C400 (CP 400), C500 (CP 500) Acryl, CP 365, C2008 (CP 2008), CM 10, P363 (CP 363), P375 (CP 375), P394 (CP 394)	15-25
		1 L	6 pcs.			
		5 L	4 pcs.			
T041 (CP 041)	Acrylic thinner	5 L	4 pcs.	2K	P388 (CP 388), P399 (CP 399), P385 (CP 385), C2016 (CP 2016), C2014 (CP 2014), C1800 (CP 1800), C2015 (CP 2015), C1500 (CP 1500), C400 (CP 400), C500 (CP 500) Acryl, CP 365, C2008 (CP 2008), CM 10, P363 (CP 363), P375 (CP 375), P394 (CP 394)	
T044 (CP 044)	Thinner slow HS	1 L	6 pcs.		all clearcoats	
		5 L	4 pcs.			
T048 (CP 048)	Base thinner	500ml	6 pcs.	1K	GREEN-LINE, KAR-BON, Black Plus, JetBlack, SilverLine	15-25
		1 L	6 pcs.			
		5 L	4 pcs.			
T055 (CP 055)	Multipurpose	1 L	6 pcs.	1K/2K	GREEN-LINE, KAR-BON, Black Plus, JetBlack, SilverLine, Acryl, for all primers, for all clearcoats	
		5 L	4 pcs.			
T070 (CP 070)	Acrylic thinner	1 L	6 pcs.	2K	P388 (CP 388), P399 (CP 399), P385 (CP 385), C2016 (CP 2016), C2014 (CP 2014), C1800 (CP 1800), C2015 (CP 2015), C1500 (CP 1500), C400 (CP 400), C500 (CP 500) Acryl, P365 (CP 365), C2008 (CP 2008), CM 10, P363 (CP 363), P375 (CP 375), P394 (CP 394)	25-35
		5 L	4 pcs.			
T075 (CP 075)	Acrylic thinner	1 L	6 pcs.	1K/2K	P388 (CP 388), P399 (CP 399), P385 (CP 385), C2016 (CP 2016), C2014 (CP 2014), C1800 (CP 1800), C2015 (CP 2015), C1500 (CP 1500), C400 (CP 400), C500 (CP 500) Acryl, P365 (CP 365), C2008 (CP 2008), CM 10, P363 (CP 363), P375 (CP 375), P394 (CP 394)	
		5 L	4 pcs.			
T078 (CP 078)	Base thinner	1 L	6 pcs.	1K	GREEN-LINE, KAR-BON, Black Plus, JetBlack, SilverLine	25-35
		5 L	4 pcs.			

Primers

Table

Symbol	Name	Type	Packaging		Mixing ratio	Hardener	Number of coats	Dilution	Thinner	Pot life	Paint efficiency m²/l	Film thickness	Spray viscosity
			Unit	Collective									
P595 (CP 595)	WASH PRIMER	2K	1 L	3 pcs.	2:1	H245 (CP 245)	1	-	-	48 h	14-15	5-10	15-17
P394 (CP 394)	EPOXY PRIMER	2K	0.8 l	6 pcs.	1:1	H294 (CP 294)	1-2	10-30%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	8-10	20-40	16-22
P390 (CP 390)	PLASTIC PRIMER	1K	0.5 l	6 pcs.	-	-	1	-	-	-	8-9	5-10	10-12
			1 l	6 pcs.									
P363 (CP 363)	MULTI SEALER PRIMER	2K	0.8 l	6 pcs.	4:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	1	30%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	8-9	10-20	15-17
P385 (CP 385)	WET-ON-WET PRIMER	2K	1 L	6 pcs.	4:1	H282 (CP 282)/ H285 (CP 285)/ ,H286 (CP 286)	1	25-50%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	10-12	20-30	21-25
			3,5 L	2 pcs.									
P388 (CP 388)	HIGH BUILD PRIMER	2K	0.75 l	6 pcs.	5:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	1-3	20-25%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	7	70-80	35-55
			5 l (grey)	4 pcs.									
P399 (CP 399)	HYBRID HB PRIMER	2K	1 l	3 pcs.	4:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	1	10%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1.5 h	7-8	130-140	22-25
			3.5 l	2 pcs.									
P375 (CP 375)	SWIFT PRIMER	2K	1 l	6 pcs.	4:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	1-2	10-30%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	8-10	40-50	24-26 12-16
			3.5 l	2 pcs.									
P365 (CP 365)	EXPRESS PRIMER	2K	0.8 l	3 pcs.	4:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	1-2	20-40%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	7-9	50-60	22-30
			3.5 l	2 pcs.									

Body Fillers

Table

Symbol	Name	Packaging		Mixing ratio	Method of application	Paper grit coarse sanding	Paper gradation finish grinding	Ease of sanding [1 to 5 scale]	Pot life	Drying time at 20C	Drying time at 60C	Colour	Thinner
		Unit	Collective										
B332 (CP 332)	Finish Spray polyester putty	1 kg	6 pcs.	100 4.5 10	spray gun	P180-P240	P280-P360	5	30-40 min	2-3	25-30	grey	CP 032
B333 (CP 333)	Universal	2 kg	4 pcs.	100 1-3.5	spatula	P80-P120	P120-P240	4	5 min	20-30	5	olive	-
B334 (CP 334)	Soft Plus	1 kg	4 pcs.	100 1-3.5	spatula	P100-P120	P120-P280	5	5 min	20-30	5-10	yellow	-
		1.8 kg	4 pcs.										
B335 (CP 335)	Metallic	1 kg	4 pcs.	100 1-3.5	spatula	P100-P120	P120-P280	4	5-7	20-30	5-10	grey	-
B336 (CP 336)	Glass	1 kg	4 pcs.	100 1-3.5	spatula	P80-P150	-	3	5-6	20-30	5-10	green	-
		1.8 kg	4 pcs.										
B339 (CP 339)	Perfectly Light	1 l	4 pcs.	100 1-3.5	spatula	P100-P180	P180-P280	5	7-8	20-30	10-12	olive	-
B341 (CP 341)	Plastic	1 kg	4 pcs.	100 1-3.5	spatula	P100-P120	P120-P320	5	3-4	20-30	-	black	-
B342 (CP 342)	Hot Rod	1 l	4 pcs.	100 1-3.5	spatula	P100-P180	P180-P280	5	6-7	30-35	9-11	olive	-

Clearcoats

Table

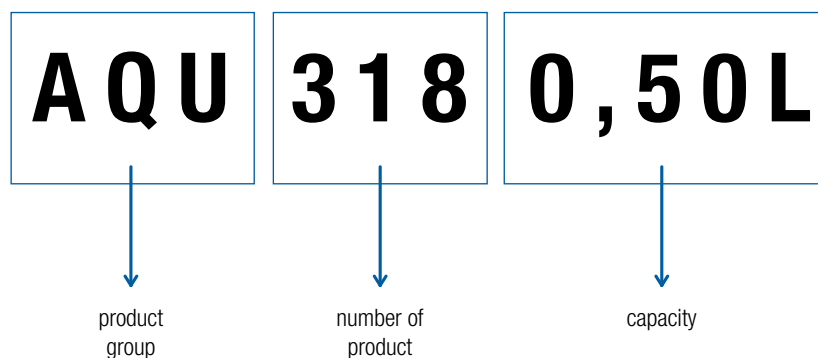
Symbol	Name	Type	Packaging		Mixing ratio	Hardeners	Number of coats	Dilution	Thinner	Pot life	Paint efficiency m²/l	Film thickness	Spray viscosity
			Unit	Collective									
C400 (CP 400)	ESSENTIAL CLEAR	MS	1 l	6 pcs.	2:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	2-3	10%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	6 h	7	50-60	18-22
			5 l	4 pcs.									
C500 (CP 500)	SELECT CLEAR	HS	1 l	6 pcs.	2:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	2-3	10%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	6 h	7	50-60	18-22
			5 l	4 pcs.									
C1500 (CP 1500)	PRIME CLEAR	MS	1 l	6 pcs.	2:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	2	20%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	6 h	7	60-70	15-16
			5 l	4 pcs.									
C1800 (CP 1800)	ROCKET CLEAR	HS	1 l	6 pcs.	2:1	H269 (CP 269)	2	10-20%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)				
			5 l	4 pcs.									
C2008 (CP 2008)	PRESTIGE CLEAR	HS	1 l	6 pcs.	2:1	H208 (CP 208)/ H208 F (CP 208 F)/ H208 S (CP 208 S)	1.5-2	2,5-10%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	7	60-70	18-22
			5 l	4 pcs.									
C2014 (CP 2014)	SUPREME CLEAR	UHS	1 l	6 pcs.	4:1	H3014 (CP 3014)/ H3024 F (CP 3024 F)/ H3024 S (CP 3024 S)	1.5-2	0-10%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	8-9	70-80	18-22
			4 l	4 pcs.									
C2015 (CP 2015)	X-SPEED CLEAR	HS	1 l	6 pcs.	2:1	H3015 (CP 3015)/ H3015 S (CP 3015 S)	1.5-2	-	-	0.5 h	8-10	40-70	16-20
			5 l	4 pcs.									
C2016 (CP 2016)	DIAMOND CLEAR	VHS	1 l	6 pcs.	4:1	H3016 (CP 3016)/ H3016 F (CP 3016 F)/ H3016 S (CP 3016 S)	1.5-2	0-10%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	1 h	8-10	80	15-19
			5 l	4 pcs.									
CM 10	MATT CLEAR	MS	1l	6 pcs.	2:1	H282 (CP 282)/ H285 (CP 285)/ H286 (CP 286)	2	10-20%	T040 (CP 040)/ T070 (CP 070)/ T055 (CP 055)/ T075 (CP 075)	2 h	7	50-60	18-22
			5 l	4 pcs.									

Products coding

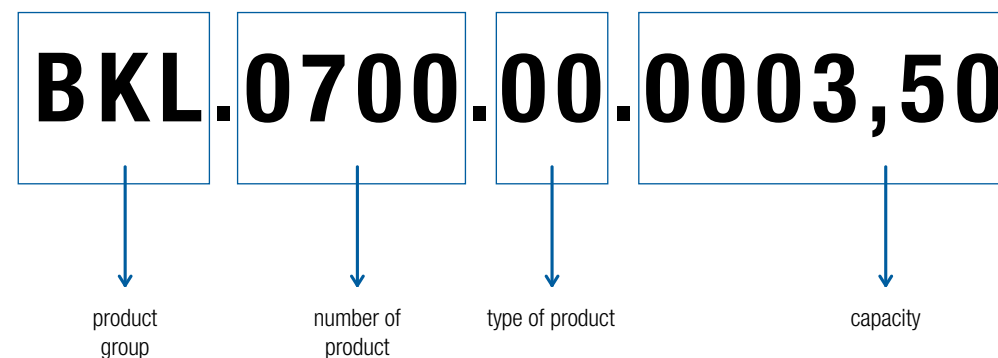
How to read the production batch number

I. PRODUCTS PRODUCED UNTIL 06.2022

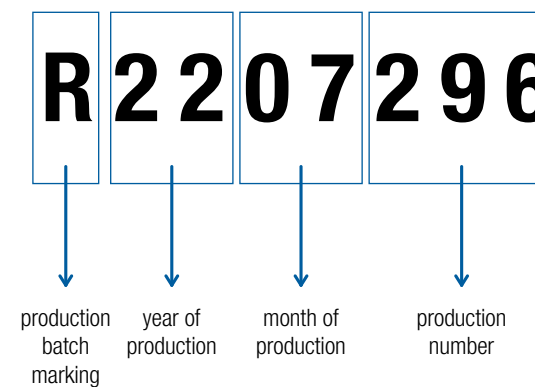
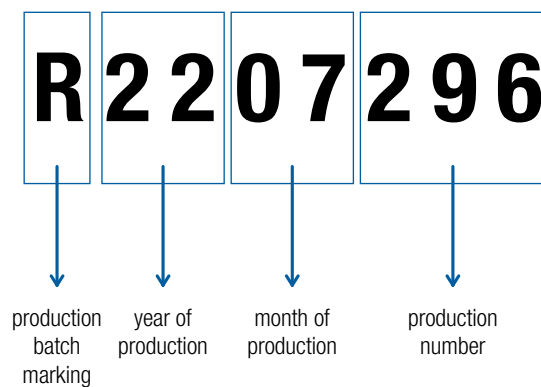
PRODUCT CODE



II. PRODUCTS PRODUCED AFTER 06.2022



BATCH NUMBER



Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Multichem Sp. z o.o.
ul. Przemysłowa 2
PL 62-030 Luboń
tel. +48 61 893 37 31

www.multichem.pl