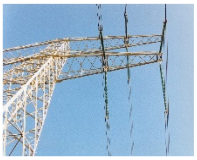
BICCS®
Industrial Coating & Colourant Systems
MORE THAN PROTECTION

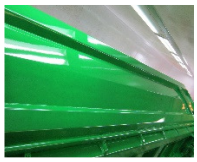
INDICATIVE OVERVIEW OF BICCS PAINT SYSTEMS IN ACCORDANCE WITH NEN-EN-ISO 12944-2.

(steel, galvanized steel, aluminium/stainless steel, plastics, MDF/chipboard and old paint layers)





The right paint system for every surface!


Note: The paint systems for steel in this brochure are based on the international standard NEN-EN-ISO 12944-2 according to corrosion categories C1 (very low) to C5 industrial and C5 maritime (very high).

VRF01	**SUBSTRATE: STEEL**

C1/C2

The paint systems below are indicative examples of the various options for steel preservation in accordance with the NEN-EN-ISO 12944-2 standard. However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

CORROSIVITY CATEGORY C2 - low

Environment example: Interior Buildings which are not heated, where condensation may occur e.g. storage facilities, sports halls
Exterior Atmospheres contaminated to a small extent, mainly rural regions

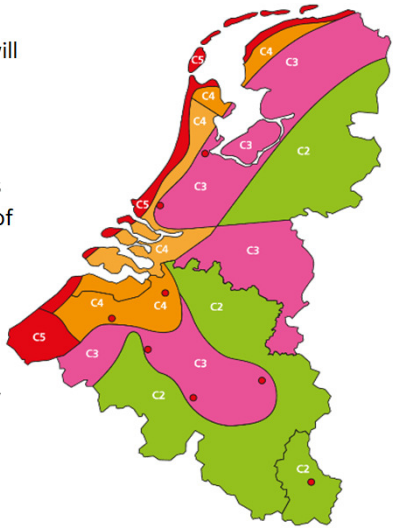
Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	alkyd (OH)	system: BICHOLUX HB COATING SEMI MATT-30	[1156]	80 µm
				DFT:	***80 µm***
	brush	alkyd (OH)	primer: B.I.K. | ANTI-CORROSIVE PRIMER LIGHT GREY	[9522]	40 µm
	brush	alkyd (OH)	topcoat: B.I.K. | ENAMEL HIGH GLOSS	[9533]	40 µm
Low:				***DFT:***	***80 µm***
2 - 5 years	spray	alkyd (WG)	system: AQUA 1C SYSTEM-COATING SILK GLOSS	[5256]	80 µm
				DFT:	***80 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	40 µm
	brush	alkyd (WG)	topcoat: AQUA 1C BICHOLUX ENAMEL HIGH GLOSS	[5253]	40 µm
				DFT:	***80 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	alkyd (OH)	primer: BICHOLUX QD HB BODYPRIMER	[1243]	80 µm
	spray	alkyd (OH)	topcoat: BICHOLUX QD SPRAYCOATING GLOSS	[1253]	40 µm
Medium:				***DFT:***	***120 µm***
5 - 15 years	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	80 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING MATT	[5255]	40 µm
				DFT:	***120 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	alkyd (OH)	primer: BICHOLUX QD HB ZINC PHOSPHATE PRIMER	[1243]	80 µm
	spray	alkyd (OH)	topcoat: BICHOLUX QD HB SYSTEM-COAT SATIN MATT-30	[1256]	80 µm
				DFT:	***160 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER RAL1013	[5048]	80 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING SILK GLOSS	[5256]	80 µm
High:				***DFT:***	***160 µm***
> 15 years	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	80 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***160 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	80 µm
				DFT:	***160 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS according to corrosion category according to NEN-EN-ISO 12944-2.



When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

The second part of the NEN-EN-ISO 12944 standard describes the corrosion protection of steel by means of paint systems based on various corrosion load categories. This is based on the cleanliness level Sa2.5 of the surface according to the ISO 8501-1 standard ('very careful blasting').

Despite the fact that this is a general indication, which says nothing about specific chemical and/or mechanical loads, this standard can still be seen as a good guideline with regard to the choice of a paint system for a certain atmospheric load. Please note: the stated lifespan in the overviews are emphatically not guarantee periods.

The ISO standard 12944 contains 5 corrosion categories which vary from 'C1-very low' to 'C5-very high':

Corrosivity categorie	Environment examples	
	Exterior	Interior
C1 - very low		Heated buildings with a clean atmosphere such as offices, shops, schools, hotels.
C2 - low	Atmospheres contaminated to a small extent, mainly rural regions.	Buildings which are not heated, where condensation may occur e.g. storage facilities, sports halls.
C3 - medium	Industrial and urban atmospheres with a low sulphur oxide (IV) contamination level. Inshore areas of low salinity.	Production halls to facilities humidity and certain air contamination e.g. foodstuff plants, laundries, breweries, dairies.
C4 - high	Industrial areas and inshore areas of medium salinity.	Chemical plants, swimming pools, ship repair yards.
C5-I - very high (INDUSTRIAL)	Industrial areas of high humidity and aggressive atmosphere and inshore areas of high salinity.	Buildings and areas of almost constant condensation and high contamination.
C5-M – very high (MARINE)	Coastal and offshore areas with a high salt content.	Buildings and areas of almost constant condensation and high contamination.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF02	**SUBSTRATE: STEEL**

C-3

The paint systems below are indicative examples of the various options for steel preservation in accordance with the NEN-EN-ISO 12944-2 standard. However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

CORROSIVITY CATEGORY C3 - medium

Environment example:
- Interior: Production halls to facilities humidity and certain air contamination e.g. foodstuff plants, laundries, breweries, dairies.
- Exterior: Industrial and urban atmospheres with a low sulphur oxide (IV) contamination level. Inshore areas of low salinity.

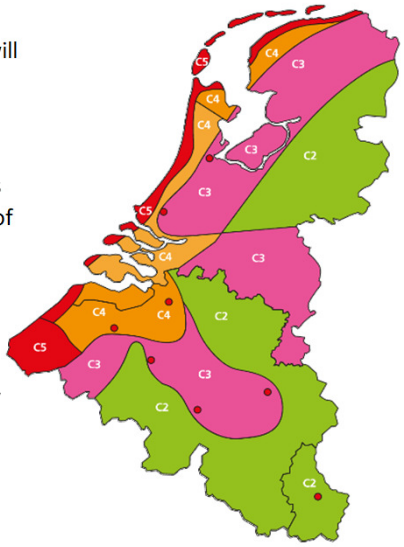
Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Low: 2 - 5 years	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	120 µm
				DFT:	***120 µm***
	spray	alkyd (OH)	system: BICHOLUX QD HB SYSTEM-COAT SATIN MATT-30	[1256]	120 µm
				DFT:	***120 µm***
	spray	alkyd (OH)	primer: BICHOLUX QD HB BODYPRIMER	[1243]	80 µm
	spray	alkyd (OH)	topcoat: BICHOLUX SPRAY ENAMEL HIGH GLOSS	[1153]	40 µm
				DFT:	***120 µm***
	spray	alkyd (WG)	system: AQUA 1C SYSTEM-COATING SILK GLOSS	[5256]	120 µm
				DFT:	***120 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	80 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING MATT	[5255]	40 µm
				DFT:	***120 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Medium: 5 - 15 years	brush	(SB)	system: B.I.K. | 3-IN-1 MATT-10	[9551]	160 µm
				DFT:	***160 µm***
	spray	alkyd (OH)	primer: BICHOLUX QD HB BODYPRIMER	[1243]	80 µm
	spray	alkyd (OH)	topcoat: BICHOLUX QD SPRAYCOATING GLOSS	[1253]	80 µm
				DFT:	***160 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	100 µm
	brush	alkyd (WG)	topcoat: AQUA 1C BICHOLUX ENAMEL HIGH GLOSS	[5253]	60 µm
				DFT:	***160 µm***
	brush	2K epoxy (OH)	primer: B.I.K. | 2C EPOXYPRIMER R1013 (hardener incl.)	[9525]	100 µm
	brush	alkyd (OH)	topcoat: B.I.K. | ENAMEL S SILK GLOSSE	[9532]	60 µm
				DFT:	***160 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
High: > 15 years	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER (5:1)	[6142]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM EXTRA MATT- 5 (6:1)	[9250]	80 µm
				DFT:	***200 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	100 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	100 µm
				DFT:	***200 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS according to corrosion category according to NEN-EN-ISO 12944-2.



When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

The second part of the NEN-EN-ISO 12944 standard describes the corrosion protection of steel by means of paint systems based on various corrosion load categories. This is based on the cleanliness level Sa2.5 of the surface according to the ISO 8501-1 standard ('very careful blasting').

Despite the fact that this is a general indication, which says nothing about specific chemical and/or mechanical loads, this standard can still be seen as a good guideline with regard to the choice of a paint system for a certain atmospheric load. Please note: the stated lifespan in the overviews are emphatically not guarantee periods.

The ISO standard 12944 contains 5 corrosion categories which vary from 'C1-very low' to 'C5-very high':

Corrosivity categorie	Environment examples	
	Exterior	Interior
C1 - very low		Heated buildings with a clean atmosphere such as offices, shops, schools, hotels.
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C3 - medium	Industrial and urban atmospheres with a low sulphur oxide (IV) contamination level. Inshore areas of low salinity.	Production halls to facilities humidity and certain air contamination e.g. foodstuff plants, laundries, breweries, dairies.
C4 - high	Industrial areas and inshore areas of medium salinity.	Chemical plants, swimming pools, ship repair yards.
C5-I - very high (INDUSTRIAL)	Industrial areas of high humidity and aggressive atmosphere and inshore areas of high salinity.	Buildings and areas of almost constant condensation and high contamination.
C5-M – very high (MARINE)	Coastal and offshore areas with a high salt content.	Buildings and areas of almost constant condensation and high contamination.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF03	**SUBSTRATE: STEEL**

C-4

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CORROSIVITY CATEGORY C4 - high

Environment example: Interior Chemical plants, swimming pools, ship repair yards.
Exterior Industrial areas and inshore areas of medium salinity.

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	160 µm
				DFT:	***160 µm***
	spray	alkyd (OH)	primer: BICHOLUX QD HB ZINC PHOSPHATE PRIMER	[1242]	100 µm
	spray	alkyd (OH)	topcoat: BICHOLUX QD SPRAYCOATING GLOSS	[1253]	60 µm
Low:				***DFT:***	***160 µm***
2 - 5 years	spray	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	100 µm
	spray	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING SILK GLOSS	[5256]	60 µm
				DFT:	***160 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	100 µm
	brush	alkyd (WG)	topcoat: AQUA 1C BICHOLUX ENAMEL HIGH GLOSS	[5253]	60 µm
				DFT:	***160 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	2K epoxy (OH)	primer: 2C BIPOX HB ZPH COATING SG (4:1)	[6143]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	80 µm
Medium:				***DFT:***	***200 µm***
5 - 15 years	brush	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER (5:1)	[6142]	100 µm
	brush	chloorrbr. (OH)	topcoat: UNIDECK CR DECK PAINT HB	[7156]	120 µm
				DFT:	***220 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	120 µm
				DFT:	***200 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	160 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2K HB FINISH GLOSS-80 (4:1)	[9268]	80 µm
High:				***DFT:***	***240 µm***
> 15 years	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	160 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	120 µm
				DFT:	***280 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
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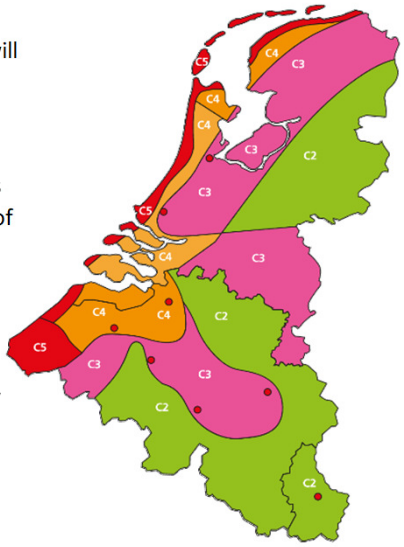
Explanation for BICCS PAINT SYSTEMS according to corrosion category according to NEN-EN-ISO 12944-2.



When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

The second part of the NEN-EN-ISO 12944 standard describes the corrosion protection of steel by means of paint systems based on various corrosion load categories. This is based on the cleanliness level Sa2.5 of the surface according to the ISO 8501-1 standard ('very careful blasting').

Despite the fact that this is a general indication, which says nothing about specific chemical and/or mechanical loads, this standard can still be seen as a good guideline with regard to the choice of a paint system for a certain atmospheric load. Please note: the stated lifespan in the overviews are emphatically not guarantee periods.

The ISO standard 12944 contains 5 corrosion categories which vary from 'C1-very low' to 'C5-very high':

Corrosivity categorie	Environment examples	
	Exterior	Interior
C1 - very low		Heated buildings with a clean atmosphere such as offices, shops, schools, hotels.
C2 - low	Atmospheres contaminated to a small extent, mainly rural regions.	Buildings which are not heated, where condensation may occur e.g. storage facilities, sports halls.
C3 - medium	Industrial and urban atmospheres with a low sulphur oxide (IV) contamination level. Inshore areas of low salinity.	Production halls to facilities humidity and certain air contamination e.g. foodstuff plants, laundries, breweries, dairies.
C4 - high	Industrial areas and inshore areas of medium salinity.	Chemical plants, swimming pools, ship repair yards.
C5-I - very high (INDUSTRIAL)	Industrial areas of high humidity and aggressive atmosphere and inshore areas of high salinity.	Buildings and areas of almost constant condensation and high contamination.
C5-M – very high (MARINE)	Coastal and offshore areas with a high salt content.	Buildings and areas of almost constant condensation and high contamination.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF04	**SUBSTRATE: STEEL**

C-5i

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CORROSIVITY CATEGORY C5-I - very high

Environment example:	Interior	Buildings and areas of almost constant condensation and high contamination.
	Exterior	Industrial areas of high humidity and aggressive atmosphere and inshore areas of high salinity.

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	brush	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER (5:1)	[6142]	100 µm
	brush	chloorrbr. (OH)	topcoat: UNIDECK CR DECK PAINT HB	[7149]	120 µm
Low:				***DFT:***	***220 µm***
2 - 5 years	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***200 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	120 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	80 µm
				DFT:	***200 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	2K epoxy (OH)	primer: B.I.K. | 2C EPOXYPRIMER R1013 (hardener incl.)	[9525]	140 µm
	brush	2K acrylic (OH)	topcoat: B.I.K. | 2C ENAMEL HIGH GLOSS (hardener incl.)	[9513]	100 µm
Medium:				***DFT:***	***240 µm***
5 - 15 years	spray	2K epoxy (OH)	primer: BIPOX 2C ZINCRICH PRIMER (9:1)	[6147]	40 µm
	spray	2K epoxy (OH)	Midcoat: 2C BIPOX HB ZPH COATING SG (4:1)	[6143]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2K HB FINISH GLOSS-80 (4:1)	[9268]	80 µm
				DFT:	***240 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	160 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	100 µm
				DFT:	***260 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	2K epoxy (OH)	primer: BIPOX 2C ZINCRICH PRIMER (9:1)	[6147]	40 µm
	spray	2K epoxy (OH)	Midcoat: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	140 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	100 µm
High:				***DFT:***	***280 µm***
> 15 years	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	200 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	100 µm
				DFT:	***300 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
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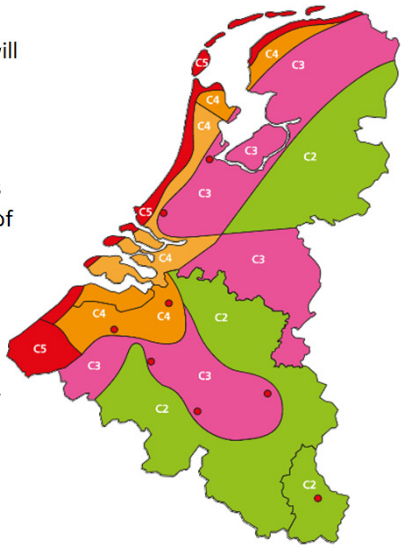
Explanation for BICCS PAINT SYSTEMS according to corrosion category according to NEN-EN-ISO 12944-2.



When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

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The ISO standard 12944 contains 5 corrosion categories which vary from 'C1-very low' to 'C5-very high':

Corrosivity categorie	Environment examples	
	Exterior	Interior
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C3 - medium	Industrial and urban atmospheres with a low sulphur oxide (IV) contamination level. Inshore areas of low salinity.	Production halls to facilities humidity and certain air contamination e.g. foodstuff plants, laundries, breweries, dairies.
C4 - high	Industrial areas and inshore areas of medium salinity.	Chemical plants, swimming pools, ship repair yards.
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VRF05	**SUBSTRATE: STEEL**

C-5m

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CORROSIVITY CATEGORY C5-M – very high

Environment example: Interior Buildings and areas of almost constant condensation and high contamination.
Exterior Coastal and offshore areas with a high salt content.

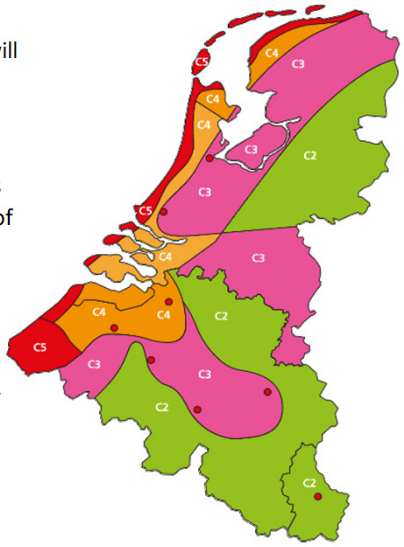
Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	brush	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER (5:1)	[6142]	100 µm
	brush	chloorrbr. (OH)	topcoat: UNIDECK CR DECK PAINT HB	[7149]	120 µm
Low:				***DFT:***	***220 µm***
2 - 5 years	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***200 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	120 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	80 µm
				DFT:	***200 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	2K epoxy (OH)	primer: B.I.K. | 2C EPOXYPRIMER R1013 (hardener incl.)	[9525]	140 µm
	brush	2K acrylic (OH)	topcoat: B.I.K. | 2C ENAMEL SILK GLOSS (hardener incl.)	[9512]	100 µm
Medium:				***DFT:***	***240 µm***
5 - 15 years	spray	2K epoxy (OH)	primer: BIPOX 2C ZINCRICH PRIMER (9:1)	[6147]	40 µm
	spray	2K epoxy (OH)	Midcoat: 2C BIPOX HB ZPH COATING SG (4:1)	[6143]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2K HB FINISH GLOSS-80 (4:1)	[9268]	80 µm
				DFT:	***240 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	160 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	100 µm
				DFT:	***260 µm***

Estimated life	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	2K epoxy (OH)	primer: BIPOX 2C ZINCRICH PRIMER (9:1)	[6147]	40 µm
	spray	2K epoxy (OH)	Midcoat: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	140 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	100 µm
High:				***DFT:***	***280 µm***
> 15 years	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	200 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	100 µm
				DFT:	***300 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS according to corrosion category according to NEN-EN-ISO 12944-2.



When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

The second part of the NEN-EN-ISO 12944 standard describes the corrosion protection of steel by means of paint systems based on various corrosion load categories. This is based on the cleanliness level Sa2.5 of the surface according to the ISO 8501-1 standard ('very careful blasting').

Despite the fact that this is a general indication, which says nothing about specific chemical and/or mechanical loads, this standard can still be seen as a good guideline with regard to the choice of a paint system for a certain atmospheric load. Please note: the stated lifespan in the overviews are emphatically not guarantee periods.

The ISO standard 12944 contains 5 corrosion categories which vary from 'C1-very low' to 'C5-very high':

Corrosivity categorie	Environment examples	
	Exterior	Interior
C1 - very low		Heated buildings with a clean atmosphere such as offices, shops, schools, hotels.
C2 - low	Atmospheres contaminated to a small extent, mainly rural regions.	Buildings which are not heated, where condensation may occur e.g. storage facilities, sports halls.
C3 - medium	Industrial and urban atmospheres with a low sulphur oxide (IV) contamination level. Inshore areas of low salinity.	Production halls to facilities humidity and certain air contamination e.g. foodstuff plants, laundries, breweries, dairies.
C4 - high	Industrial areas and inshore areas of medium salinity.	Chemical plants, swimming pools, ship repair yards.
C5-I - very high (INDUSTRIAL)	Industrial areas of high humidity and aggressive atmosphere and inshore areas of high salinity.	Buildings and areas of almost constant condensation and high contamination.
C5-M – very high (MARINE)	Coastal and offshore areas with a high salt content.	Buildings and areas of almost constant condensation and high contamination.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF06	**SUBSTRATE: GALVANIZED STEEL (*)**

The paint systems below are indicative examples of the various options for preserving galvanized steel. However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

(*) Appearances: hot-dip galvanized, sendzimir galvanized, electrolytically galvanized, galvanizing, scooping (metalizing

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Low exposure	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	60 µm
				DFT:	***60 µm***
	brush	alkyd (OH)	primer: B.I.K. | MULTI PRIMER WHITE	[9521]	40 µm
	brush	alkyd (OH)	topcoat: B.I.K. | ENAMEL HIGH GLOSS	[9533]	40 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	system: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	60 µm
				DFT:	***60 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5048]	40 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING GLOSS-70	[5258]	40 µm
				DFT:	***80 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Medium exposure	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	80 µm
				DFT:	***80 µm***
	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	60 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	40 µm
				DFT:	***100 µm***
	spray	polyvinylb (OH)	primer: 2C WASHPRIMER BEIGE (1:1)	[9040]	40 µm
	spray	2K pu (OH)	topcoat: BICHOTHANE 2C PU HB GLOSS (4:1)	[3358]	60 µm
				DFT:	***100 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[3351]	60 µm
				DFT:	***140 µm***
	brush	2K epoxy (OH)	primer: B.I.K. | 2C EPOXYPRIMER R1013 (hardener incl.)	[9525]	60 µm
	brush	2K acrylic (OH)	topcoat: B.I.K. | 2C ENAMEL HIGH GLOSS (hardener incl.)	[9513]	60 µm
				DFT:	***120 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
High exposure	spray	polyvinylb (OH)	primer: 2C WASHPRIMER BEIGE (1:1)	[9040]	30 µm
	spray	2K acrylic (OH)	primer: BICHODUR 2C DTM MATT-10 (6:1)	[9251]	90 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***200 µm***
	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	100 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2K HB FINISH GLOSS-80 (4:1)	[9268]	80 µm
				DFT:	***180 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	120 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	80 µm
				DFT:	***200 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS

When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

Due to the diversity of material compositions on the market, in case of doubt and/or unfamiliarity with an unknown surface, the suitability of a product for a certain surface should always be tested first. Specifically for aluminum, for example, unambiguous system advice is unfortunately not possible due to the many alloys and forms that sometimes require an adjustment of the paint system. Our advice on paint systems for aluminum is usually based on pure, unalloyed aluminium, also known as the 1000 series.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF07	**SUBSTRATE: ALUMINUM & STAINLESS STEEL (*)**

The paint systems below are indicative examples of the various options for the preservation of aluminum and stainless steel (Inox). However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

(*) See the remarks on the back of this publication regarding these substrates

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Low exposure	spray	2K acrylic (OH)	system: BICHODUR 2C TOPCOAT CLEAR SILK GLOSS-50 (3:1)	[9297]	40 µm
				DFT:	***40 µm***
	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	50 µm
				DFT:	***50 µm***
	brush	alkyd (OH)	primer: B.I.K. | MULTI PRIMER WHITE	[9521]	40 µm
	brush	alkyd (OH)	topcoat: B.I.K. | ENAMEL S SILK GLOSSE	[9532]	40 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	system: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	60 µm
				DFT:	***60 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	40 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING GLOSS-70	[5258]	40 µm
				DFT:	***80 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Medium exposure	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	80 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	system: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9258]	80 µm
				DFT:	***80 µm***
	spray	polyvinylb (OH)	primer: 2C WASHPRIMER BEIGE (1:1)	[9040]	40 µm
	spray	2K pu (OH)	topcoat: BICHOTHANE 2C PU HB SEMI MATT (4:1)	[3359]	60 µm
				DFT:	***100 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	60 µm
				DFT:	***140 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
High exposure	spray	2K acrylic (OH)	primer: BICHODUR 2C DTM MATT-10 (6:1)	[9251]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2K HB FINISH GLOSS-80 (4:1)	[9268]	80 µm
				DFT:	***200 µm***
	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	100 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***180 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	120 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	80 µm
				DFT:	***200 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS

When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

Due to the diversity of material compositions on the market, in case of doubt and/or unfamiliarity with an unknown surface, the suitability of a product for a certain surface should always be tested first. Specifically for aluminum, for example, unambiguous system advice is unfortunately not possible due to the many alloys and forms that sometimes require an adjustment of the paint system. Our advice on paint systems for aluminum is usually based on pure, unalloyed aluminium, also known as the 1000 series.

Given the enormous number of types of stainless steel (there are several hundred types!) you should always spray a test surface in order to check the method of pre-treatment and paint application. Be alert to materials that have undergone a certain treatment, such as grinding, brushing and polishing, and/or a chemical pre-treatment. Check specifically for places where any operations such as welding and laser cutting have taken place. A wrong choice can result in insufficient adhesion.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF08	**SURFACE: PLASTIC (*)**

The paint systems below are indicative examples of the various options for plastic. However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

(*) See the remarks on the back of this publication regarding these substrates

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Low exposure	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	60 µm
				DFT:	***60 µm***
	brush	alkyd (OH)	primer: B.I.K. | MULTI PRIMER WHITE	[9521]	40 µm
	brush	alkyd (OH)	topcoat: B.I.K. | ENAMEL S SILK GLOSSE	[9532]	40 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	system: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	60 µm
				DFT:	***60 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	40 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING GLOSS-70	[5258]	40 µm
				DFT:	***80 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Medium exposure	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	80 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	system: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	100 µm
				DFT:	***100 µm***
	brush	2K pu (WG)	system: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	80 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	primer: BICHODUR 2C DTM MATT-10 (6:1)	[9251]	60 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	40 µm
				DFT:	***100 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	60 µm
				DFT:	***140 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
High exposure	spray	2K acrylic (OH)	primer: BICHODUR 2C DTM MATT-10 (6:1)	[9251]	80 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***160 µm***
	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	80 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM EXTRA MATT- 5 (6:1)	[9250]	80 µm
				DFT:	***160 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	80 µm
				DFT:	***160 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS

When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

Due to the diversity of material compositions on the market, in case of doubt and/or unfamiliarity with an unknown surface, the suitability of a product for a certain surface should always be tested first. Specifically for plastic, for example, unambiguous system advice is unfortunately not possible due to the many types of plastic that occur. Due to their composition, some types are unsuitable for applying a paint system (PE/PP, as well as soft plastics). Our advice on paint systems for plastics is usually based on hard plastics such as Trespa, hard PVC, polyester and ABS.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF09	**SUBSTRATE: OLD (CURED) PAINT COATINGS (*)**

The paint systems below are indicative examples of the various options for painting over old, hardened paint layers. However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

(*) See the remarks on the back of this publication regarding these substrates

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Low exposure	brush	alkyd (OH)	system: BICHOLUX HB COATING SEMI MATT-30	[1156]	60 µm
				DFT:	***60 µm***
	spray	alkyd (OH)	primer: BICHOLUX QD HB BODYPRIMER	[1243]	40 µm
	spray	alkyd (OH)	topcoat: BICHOLUX SPRAY ENAMEL HIGH GLOSS	[1153]	40 µm
				DFT:	***80 µm***
	brush	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	40 µm
	brush	alkyd (WG)	topcoat: AQUA 1C SYSTEM-COATING GLOSS-70	[5258]	40 µm
				DFT:	***80 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
Medium exposure	brush	(SB)	system: B.I.K. | 3-IN-1 SILK GLOSS-30	[9556]	80 µm
				DFT:	***80 µm***
	spray	2K acrylic (OH)	system: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	120 µm
				DFT:	***120 µm***
	spray	alkyd (OH)	primer: BICHOLUX QD HB BODYPRIMER	[1243]	80 µm
	spray	alkyd (OH)	topcoat: BICHOLUX QD SPRAYCOATING GLOSS	[1253]	60 µm
				DFT:	***140 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	80 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL SILK GLOSS (6:1)	[5056]	60 µm
				DFT:	***140 µm***

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
High exposure	spray	2K acrylic (OH)	primer: BICHODUR 2C DTM MATT-10 (6:1)	[9251]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C HIGH GLOSS 98 FINISH PLUS (2:1)	[9243]	80 µm
				DFT:	***200 µm***
	spray	2K epoxy (OH)	primer: BIPOX 2C HB ZPH PRIMER RM1013 (4:1)	[6146]	120 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM GLOSS-70 (6:1)	[9258]	80 µm
				DFT:	***200 µm***
	brush	2K epoxy (WG)	primer: AQUA 2C BIPOX PRIMER RAL1013 (1,2:1)	[5045]	120 µm
	brush	2K pu (WG)	topcoat: AQUA 2C BICHOTHANE ENAMEL HIGH GLOSS (4:1)	[5055]	80 µm
				DFT:	***200 µm***

Note: SB = solvent based WB = water based DFT = dry film thickness
Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers

Explanation for BICCS PAINT SYSTEMS

When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

Painting over an old, existing paint layer certainly does not always have to be a problem. However, caution is advised as certain (old) types of paint cannot always be painted over with every paint product. When it is no longer known which type of paint was applied at the time, various tests are possible to get more certainty about this. The PearlPaint Group technical service can advise you on this. In all cases you should check the adhesion of the old paint layer before you decide to paint it over. We always recommend carrying out a test beforehand with an unknown surface that you want to paint over. In case of doubt, one can only decide to remove the old paint layers down to the surface and apply a new paint system.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

VRF10	**SUBSTRATE: MDF, CHIPBOARD (*)**

The paint systems below are indicative examples of the various options for painting wooden panels such as MDF and chipboard. However, PearlPaint Group also supplies many other paint systems, precisely tailored to your specific situation. For more information, please contact our technical service.

(*) See the remarks on the back of this publication regarding these substrates

Exposure:	Application:	Type of Paint:	BICCS Paint System:		Thickness (DFT):
	spray	cell./pu (OH)	primer: BICHOTHANE 1C PU FILLER PRIMER WHITE	[9047]	40 µm
	spray	cell./pu (OH)	*optional:* BICHOTHANE 1C PU FILLER PRIMER WHITE	[9047]	40 µm
	spray	2K pu (OH)	topcoat: BICHOTHANE 2C PU SPRAY ENAMEL HIGH GLOSS (4:1)	[3353]	40 µm
				DFT:	***80-120 µm***
	spray	2K pu (OH)	primer: BICHOTHANE 2C PU HB FILLING BODYPRIMER (10:1)	[3349]	40 µm
	spray	2K pu (OH)	*optional:* BICHOTHANE 2C PU HB FILLING BODYPRIMER (10:1)	[3349]	40 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	60 µm
				DFT:	***100-140 µm***
	spray	alkyd (WG)	primer: AQUA 1C BICHOLUX PRIMER	[5048]	40 µm
	spray	alkyd (WG)	*optional:* AQUA 1C BICHOLUX PRIMER	[5048]	40 µm
	spray	2K acrylic (OH)	topcoat: BICHODUR 2C DTM SATIN GLOSS-50 (6:1)	[9252]	60 µm
				DFT:	***100-140 µm***
	spray	alkyd (WG)	primer: AQUA 1C BICHOLUX FILLER PRIMER WHITE	[5047]	40 µm
	spray	alkyd (WG)	*optional:* AQUA 1C BICHOLUX FILLER PRIMER WHITE	[5047]	40 µm
	spray	alkyd (WG)	topcoat: AQUA 1C BICHOLUX ENAMEL HIGH GLOSS	[5253]	40 µm
				DFT:	***80-120 µm***

Note:
- SB = solvent based WB = water based DFT = dry film thickness
- Depending on the product, the dry film thicknesses for primer, topcoat, etc. must be applied in one or more layers
- When the primer product is applied to wood (like) material, there is a chance that fibers will pull up and form a rough layer. These should be sanded off and then an extra primer layer applied. E.e.a. strongly depends on the substrate.

Explanation for BICCS PAINT SYSTEMS

When choosing a (corrosion-resistant) paint system, the ultimate conditions to which the construction will be exposed must be taken into account: temperature, humidity, UV radiation, chemical and mechanical stress.

We always recommend carrying out a test beforehand with an unknown surface that you want to paint over. The quality of the wood material can vary greatly, for example due to the type of glue used. The PearlPaint Group technical service can advise you on this.

Note: The estimated lifetime of paint systems (for metal preservation) depends on many factors. Usually, defects will first manifest themselves at critical points such as bolted connections, welds, sharp edges and corners. For that reason it is necessary to treat these places properly. Only in this way can the entire object eventually be provided with a paint layer with the required layer thickness, with which maximum protection is obtained.

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