

# ISO 12944

## SYSTEMS GUIDE 2021 EDITION

COMPLIANT WITH ISO 12944:2018 ISSUE INDEPENDENTLY TESTED



## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## C2 ENVIRONMENT

### C2 HIGH DURABILITY: 15–25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-1-C2H
2	Epoxy	Macropoxy 646	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-3-C2H
3	Epoxy	Macropoxy 267	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-2-C2H
4	Polyaspartic	Envirolastic 2500	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-4-C2H
5	Alkyd	Kem-Kromik 155	80	Element
		Kem-Kromik 155	80	ERO029057-1-C2H
		<b>TOTAL</b>	<b>160</b>	
6	Epoxy	Macropoxy 400	70	Element
	Polyurethane	Acrolon 7300	50	ERO029057-2-C2H
		<b>TOTAL</b>	<b>120</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

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## C2 ENVIRONMENT

C2 VERY HIGH DURABILITY: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-5-C2VH
	<b>TOTAL</b>		<b>180</b>	
2	Epoxy	Macropoxy 646	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-6-C2VH
	<b>TOTAL</b>		<b>180</b>	
3	Polyaspartic	Envirolastic 2500	180	Element
	<b>TOTAL</b>		<b>180</b>	ERO027446-7-C2VH
4	Epoxy	Macropoxy 400	180	Element
	<b>TOTAL</b>		<b>180</b>	ERO029057-3-C2VH
5	Epoxy	Macropoxy 400	90	Element
		Macropoxy 400	90	ERO029057-4-C2VH
	<b>TOTAL</b>		<b>180</b>	
6	Epoxy	Macropoxy 400	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO029057-5-C2VH
	<b>TOTAL</b>		<b>180</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

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## C3 ENVIRONMENT

C3 MEDIUM DURABILITY: 7-15 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-1-C3M
2	Epoxy	Macropoxy 646	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-3-C3M
3	Epoxy	Macropoxy 267	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-2-C3M
4	Polyaspartic	Envirolastic 2500	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-4-C3M
5	Epoxy	Fast Clad 7220	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027187-1-C3M
6	Epoxy	Fast Clad 7240	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027187-2-C3M

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

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## C3 ENVIRONMENT

### C3 HIGH DURABILITY: 15–25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Fast Clad 7220	125	Element
	Polyurethane	Acrolon 7300	55	ERO027187-6-C3H
	<b>TOTAL</b>		<b>180</b>	
2	Epoxy	Fast Clad 7220	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO027187-10-C3H
	<b>TOTAL</b>		<b>180</b>	
3	Epoxy	Fast Clad 7240	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO027187-11-C3H
	<b>TOTAL</b>		<b>180</b>	
4	Epoxy	Fast Clad 7240	125	Element
	Polyurethane	Acrolon 7300	55	ERO027187-12-C3H
	<b>TOTAL</b>		<b>180</b>	
5	Epoxy	Macropoxy 400	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-5-C3H
	<b>TOTAL</b>		<b>180</b>	
6	Epoxy	Macropoxy 646	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-6-C3H
	<b>TOTAL</b>		<b>180</b>	
7	Polyaspartic	Envirolastic 2500	180	Element
		<b>TOTAL</b>	<b>180</b>	ERO027446-7-C3H
8	Epoxy	Macropoxy 400	180	Element
		<b>TOTAL</b>	<b>180</b>	ERO029057-3-C3H
9	Epoxy	Macropoxy 400	90	Element
		Macropoxy 400	90	
		<b>TOTAL</b>	<b>180</b>	ERO029057-4-C3H
10	Epoxy	Macropoxy 400	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO029057-5-C3H
	<b>TOTAL</b>		<b>180</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

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Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

### C3 ENVIRONMENT

#### C3 HIGH DURABILITY: 15–25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
11	Epoxy	Fast Clad 7220	180	Element
		<b>TOTAL</b>	<b>180</b>	ERO034391-13
12	Epoxy	Macropoxy M455V2	180	Element
		<b>TOTAL</b>	<b>180</b>	N100128-1-C3H
13	Epoxy	Macropoxy 400	130	Element
	Acrylic	FIRETEX M71V2	50	N100133-1-C3H
		<b>TOTAL</b>	<b>180</b>	
14	Epoxy	Macropoxy 400	145	Element
	WB Acrylic	Sher-Cryl M770	35	N100133-2-C3H
		<b>TOTAL</b>	<b>180</b>	
15	Epoxy	Macropoxy 400	130	Element
	Alkyd	Kem-Kromik 255	50	N100133-3-C3H
		<b>TOTAL</b>	<b>180</b>	

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### C3 ENVIRONMENT

C3 VERY HIGH DURABILITY: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Fast Clad 7220	80	Element
	Epoxy	Fast Clad 7220	80	ERO027187-7-C3VH
	Acrylic epoxy	Acrolon 1850	80	
	<b>TOTAL</b>		<b>240</b>	
2	Epoxy	Macropoxy 400	190	Element
	Polyurethane	Acrolon 7300	50	ERO0279057-8-C3VH
	<b>TOTAL</b>		<b>240</b>	
3	Polysiloxane	Sher-Loxane 800	120	Element
		Sher-Loxane 800	120	ERO027446-10-C3VH
	<b>TOTAL</b>		<b>240</b>	
4	Epoxy	Macropoxy 400	140	Element
	Polyaspartic	Envirolastic 2500	100	ERO027187-20-C3VH
	<b>TOTAL</b>		<b>240</b>	
5	Epoxy	Macropoxy 400	120	Element
		Macropoxy 400	120	ERO029057-7-C3VH
	<b>TOTAL</b>		<b>240</b>	
6	Epoxy	Macropoxy 646	190	Element
	Polyurethane	Acrolon 7300	50	ERO029057-10-C3VH
	<b>TOTAL</b>		<b>240</b>	
7	Epoxy	Fast Clad 7220	190	Element
	Polyurethane	Acrolon 7300	50	ERO029057-12-C3VH
	<b>TOTAL</b>		<b>240</b>	
8	Epoxy	Macropoxy 400	160	Element
	Acrylic epoxy	Acrolon 1850	80	ERO029057-13-C3VH
	<b>TOTAL</b>		<b>240</b>	

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## C4 ENVIRONMENT

C4 LOW DURABILITY: <7 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-1-C4L
2	Epoxy	Macropoxy 646	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-3-C4L
3	Epoxy	Macropoxy 267	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-2-C4L
4	Polyaspartic	Envirolastic 2500	120	Element
		<b>TOTAL</b>	<b>120</b>	ERO027446-4-C4L

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## C4 ENVIRONMENT

### C4 MEDIUM DURABILITY: 7-15 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Fast Clad 7220	125	Element
	Polyurethane	Acrolon 7300	55	ERO027187-6-C4M
	<b>TOTAL</b>		<b>180</b>	
2	Epoxy	Fast Clad 7220	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO027187-10-C4M
	<b>TOTAL</b>		<b>180</b>	
3	Epoxy	Fast Clad 7240	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO027187-11-C4M
	<b>TOTAL</b>		<b>180</b>	
4	Epoxy	Fast Clad 7240	125	Element
	Polyurethane	Acrolon 7300	55	ERO027187-12-C4M
	<b>TOTAL</b>		<b>180</b>	
5	Epoxy	Macropoxy 400	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-5-C4M
	<b>TOTAL</b>		<b>180</b>	
6	Epoxy	Macropoxy 646	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-6-C4M
	<b>TOTAL</b>		<b>180</b>	
7	Polyaspartic	Envirolastic 2500	180	Element
		<b>TOTAL</b>	<b>180</b>	ERO027446-7-C4M
8	Epoxy	Macropoxy 400	180	Element
		<b>TOTAL</b>	<b>180</b>	ERO029057-3-C4M
9	Epoxy	Macropoxy 400	90	Element
		Macropoxy 400	90	
		<b>TOTAL</b>	<b>180</b>	ERO029057-4-C4M
10	Epoxy	Macropoxy 400	100	Element
	Acrylic epoxy	Acrolon 1850	80	ERO029057-5-C4M
	<b>TOTAL</b>		<b>180</b>	

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## C4 ENVIRONMENT

### C4 HIGH DURABILITY: 15-25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Fast Clad 7220	80	Element
	Epoxy	Fast Clad 7220	80	ERO027187-7-C4H
	Acrylic epoxy	Acrolon 1850	80	
	<b>TOTAL</b>		<b>240</b>	
2	Epoxy	Macropoxy 400	190	Element
	Polyurethane	Acrolon 7300	50	ERO027446-8-C4H
	<b>TOTAL</b>		<b>240</b>	
3	Polysiloxane	Sher-Loxane 800	120	Element
		Sher-Loxane 800	120	ERO027446-10-C4H
	<b>TOTAL</b>		<b>240</b>	
4	Epoxy	Macropoxy 400	140	Element
	Polyaspartic	Envirolastic 2500	100	ERO027187-20-C4H
	<b>TOTAL</b>		<b>240</b>	
5	Epoxy	Macropoxy 400	120	Element
		Macropoxy 400	120	ERO029057-7-C4H
	<b>TOTAL</b>		<b>240</b>	
6	Epoxy	Macropoxy 646	190	Element
	Polyurethane	Acrolon 7300	50	ERO029057-10-C4H
	<b>TOTAL</b>		<b>240</b>	
7	Epoxy	Fast Clad 7220	190	Element
	Polyurethane	Acrolon 7300	50	ERO029057-12-C4H
	<b>TOTAL</b>		<b>240</b>	
8	Epoxy	Macropoxy 400	160	Element
	Acrylic epoxy	Acrolon 1850	80	ERO029057-13-C4H
	<b>TOTAL</b>		<b>240</b>	

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## C4 ENVIRONMENT

### C4 VERY HIGH DURABILITY REGIME 1: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	125	Element
	Epoxy	Macropoxy 400	125	ERO027446-11-C4VH
	Polyurethane	Acrolon 7300	50	
		<b>TOTAL</b>	<b>300</b>	
2	Epoxy	Macropoxy 646	125	Element
	Epoxy	Macropoxy 646	125	ERO027446-12-C4VH
	Polyurethane	Acrolon 7300	50	
		<b>TOTAL</b>	<b>300</b>	
3	Epoxy	Macropoxy 400	150	Element
	Epoxy	Macropoxy 400	150	ERO029057-20-C4VH
		<b>TOTAL</b>	<b>300</b>	
4	Epoxy	Macropoxy 400	300	Element
		<b>TOTAL</b>	<b>300</b>	ERO029057-21-C4VH
5	Epoxy	Macropoxy 400	250	Element
	Polyurethane	Acrolon 7300	50	ERO029057-14-C4VH
		<b>TOTAL</b>	<b>300</b>	
6	Epoxy	Macropoxy 400	225	Element
	Acrylic epoxy	Acrolon 1850	75	ERO029057-16-C4VH
		<b>TOTAL</b>	<b>300</b>	
7	Epoxy	Macropoxy 646	250	Element
	Polyurethane	Acrolon 7300	50	ERO029057-17-C4VH
		<b>TOTAL</b>	<b>300</b>	
8	Epoxy	Macropoxy 646	225	Element
	Acrylic epoxy	Acrolon 1850	75	ERO029057-19-C4VH
		<b>TOTAL</b>	<b>300</b>	

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## C4 ENVIRONMENT

### C4 VERY HIGH DURABILITY REGIME 2: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 267	150	ERO027446-13-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
2	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 646	150	ERO027446-14-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
3	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 267	150	ERO027446-15-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
4	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 646	150	ERO027446-16-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
5	Organic zinc	Zinc Clad IV EU	60	Element
	Polyaspartic	Envirolastic 2500	200	ERO027446-17-C4VH
	<b>TOTAL</b>		<b>260</b>	
6	Organic zinc	Zinc Clad IV	60	Element
	Polyaspartic	Envirolastic 2500	200	ERO027446-18-C4VH
	<b>TOTAL</b>		<b>260</b>	
7	Organic zinc	Zinc Clad IV	60	Element
	Polysiloxane	Sher-Loxane 800	100	ERO027446-19-C4VH
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>260</b>	
8	Epoxy	Fast Clad 7220	125	Element
	Polyaspartic	Envirolastic 2500	175	ERO027446-24-C4VH
	<b>TOTAL</b>		<b>300</b>	

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## C4 ENVIRONMENT

### C4 VERY HIGH DURABILITY REGIME 2: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
9	Epoxy	Fast Clad 7220	110	Element
	Epoxy	Fast Clad 7220	110	ERO027187-8-C4VH
	Acrylic epoxy	Acrolon 1850	80	
	<b>TOTAL</b>		<b>300</b>	
10	Epoxy	Fast Clad 7220	75	Element
	Epoxy	Fast Clad 7240	145	ERO027187-9-C4VH
	Acrylic epoxy	Acrolon 1850	80	
	<b>TOTAL</b>		<b>300</b>	
11	Epoxy	Fast Clad 7220	125	Element
	Epoxy	Fast Clad 7220	125	ERO027187-13-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>300</b>	
12	Epoxy	Fast Clad 7220	75	Element
	Epoxy	Fast Clad 7240	175	ERO027187-14-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>300</b>	
13	Epoxy	Macropoxy 400	175	Element
	Polyaspartic	Envirolastic 2500	125	ERO027187-23-C4VH
	<b>TOTAL</b>		<b>300</b>	
14	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-23-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
15	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-24-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
16	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-25-C4VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
17	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-27-C4VH
	Acrylic epoxy	Acrolon 1850	50	
	<b>TOTAL</b>		<b>260</b>	

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Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## C5 ENVIRONMENT

C5 LOW DURABILITY: <7 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-5-C5L
	<b>TOTAL</b>		<b>180</b>	
2	Epoxy	Macropoxy 646	125	Element
	Polyurethane	Acrolon 7300	55	ERO027446-6-C5L
	<b>TOTAL</b>		<b>180</b>	
3	Polyaspartic	Envirolastic 2500	180	Element
		<b>TOTAL</b>	<b>180</b>	ERO027446-7-C5L

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## C5 ENVIRONMENT

C5 MEDIUM DURABILITY: 7-15 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	190	Element
	Polyurethane	Acrolon 7300	50	ERO027446-8-C5M
	<b>TOTAL</b>		<b>240</b>	
2	Polysiloxane	Sher-Loxane 800	120	Element
	Polysiloxane	Sher-Loxane 800	120	ERO027446-10-C5M
	<b>TOTAL</b>		<b>240</b>	
3	Epoxy	Macropoxy 400	140	Element
	Polyaspartic	Envirolastic 2500	100	ERO027187-20-C5M
	<b>TOTAL</b>		<b>240</b>	
4	Epoxy	Macropoxy 400	120	Element
		Macropoxy 400	120	ERO029057-7-C5M
	<b>TOTAL</b>		<b>240</b>	
5	Epoxy	Macropoxy 646	190	Element
	Polyurethane	Acrolon 7300	50	ERO029057-10-C5M
	<b>TOTAL</b>		<b>240</b>	
6	Epoxy	Fast Clad 7220	190	Element
	Polyurethane	Acrolon 7300	50	ERO029057-12-C5M
	<b>TOTAL</b>		<b>240</b>	
7	Epoxy	Macropoxy 400	160	Element
	Acrylic epoxy	Acrolon 1850	80	ERO029057-13-C5M
	<b>TOTAL</b>		<b>240</b>	

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Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## C5 ENVIRONMENT

### C5 HIGH DURABILITY REGIME 1: 15–25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	125	Element
	Epoxy	Macropoxy 400	125	ERO027446-11-C5H
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>300</b>	
2	Epoxy	Macropoxy 646	125	Element
	Epoxy	Macropoxy 646	125	ERO027446-12-C5H
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>300</b>	
3	Epoxy	Macropoxy 400	150	Element
	Epoxy	Macropoxy 400	150	ERO029057-20-C5H
		<b>TOTAL</b>		
4	Epoxy	Macropoxy 400	300	Element
		<b>TOTAL</b>	<b>300</b>	ERO029057-21-C5H
5	Epoxy	Macropoxy 400	250	Element
	Polyurethane	Acrolon 7300	50	ERO029057-14-C5H
		<b>TOTAL</b>	<b>300</b>	
6	Epoxy	Macropoxy 400	225	Element
	Acrylic epoxy	Acrolon 1850	75	ERO029057-16-C5H
		<b>TOTAL</b>	<b>300</b>	
7	Epoxy	Macropoxy 646	250	Element
	Polyurethane	Acrolon 7300	50	ERO029057-17-C5H
		<b>TOTAL</b>	<b>300</b>	
8	Epoxy	Macropoxy 646	225	Element
	Acrylic epoxy	Acrolon 1850	75	ERO029057-19-C5H
		<b>TOTAL</b>	<b>300</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## C5 ENVIRONMENT

### C5 HIGH DURABILITY REGIME 2: 15–25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Organic zinc	Zinc Clad IV	60	Element ERO027446-13-C5H
	Epoxy	Macropoxy 267	150	
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
2	Organic zinc	Zinc Clad IV	60	Element ERO027446-14-C5H
	Epoxy	Macropoxy 646	150	
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
3	Organic zinc	Zinc Clad IV EU	60	Element ERO027446-15-C5H
	Epoxy	Macropoxy 267	150	
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
4	Organic zinc	Zinc Clad IV EU	60	Element ERO027446-16-C5H
	Epoxy	Macropoxy 646	150	
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
5	Organic zinc	Zinc Clad IV EU	60	Element ERO027446-17-C5H
	Polyaspartic	Envirolastic 2500	200	
	<b>TOTAL</b>		<b>260</b>	
6	Organic zinc	Zinc Clad IV	60	Element ERO027446-18-C5H
	Polyaspartic	Envirolastic 2500	200	
	<b>TOTAL</b>		<b>260</b>	
7	Organic zinc	Zinc Clad IV	60	Element ERO027446-19-C5H
	Polysiloxane	Sher-Loxane 800	100	
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>260</b>	
8	Epoxy	Fast Clad 7220	125	Element ERO027446-24-C5H
	Polyaspartic	Envirolastic 2500	175	
	<b>TOTAL</b>		<b>300</b>	
9	Epoxy	Fast Clad 7220	110	Element ERO027187-8-C5H
	Epoxy	Fast Clad 7220	110	
	Acrylic epoxy	Acrolon 1850	80	
	<b>TOTAL</b>		<b>300</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## C5 ENVIRONMENT

### C5 HIGH DURABILITY REGIME 2: 15–25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
10	Epoxy	Fast Clad 7220	75	Element
	Epoxy	Fast Clad 7240	145	ERO027187-9-C5H
	Acrylic epoxy	Acrolon 1850	80	
	<b>TOTAL</b>		<b>300</b>	
11	Epoxy	Fast Clad 7220	125	Element
	Epoxy	Fast Clad 7220	125	ERO027187-13-C5H
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>300</b>	
12	Epoxy	Fast Clad 7220	75	Element
	Epoxy	Fast Clad 7240	175	ERO027187-14-C5H
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>300</b>	
13	Epoxy	Macropoxy 400	175	Element
	Polyaspartic	Envirolastic 2500	125	ERO027187-23-C5H
	<b>TOTAL</b>		<b>300</b>	
	14	Organic zinc	Zinc Clad IV	60
Epoxy		Macropoxy 400	150	ERO029057-23-C5H
Polyurethane		Acrolon 7300	50	
<b>TOTAL</b>			<b>260</b>	
15	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-24-C5H
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
16	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-25-C5H
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>260</b>	
17	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 400	150	ERO029057-27-C5H
	Acrylic epoxy	Acrolon 1850	50	
	<b>TOTAL</b>		<b>260</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

**Independently tested systems – third party laboratory certificates available.**

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## C5 ENVIRONMENT

### C5 VERY HIGH DURABILITY REGIME 2: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Organic zinc	Zinc Clad 4700	60	Element
	Epoxy	Macropoxy 400	210	ERO029057-31-C5VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>			<b>320</b>
2	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 400	210	ERO029057-29-C5VH
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>			<b>320</b>
3	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 400	210	ERO029057-33-C5VH
	Acrylic epoxy	Acrolon 1850	50	
	<b>TOTAL</b>			<b>320</b>
4	Organic zinc	Zinc Clad IV	60	Element
	Polyaspartic	Envirolastic 2500	200	ERO029057-26-C5VH
	<b>TOTAL</b>			<b>260</b>
5	Organic zinc	Zinc Clad IV	60	Element
	Polysiloxane	Sher-Loxane 800	130	ERO029057-27-C5VH
	Polysiloxane	Sher-Loxane 800	130	
	<b>TOTAL</b>			<b>320</b>

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## CX ENVIRONMENT

TESTED IN ACCORDANCE WITH ISO 12944-6:2018

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 267	160	ERO027446-29-CX
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
2	Organic zinc	Zinc Clad IV	60	Element
	Epoxy	Macropoxy 646	170	ERO027446-30-CX
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>280</b>	
3	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 267	170	ERO027446-31-CX
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>280</b>	
4	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 646	170	ERO027446-32-CX
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>280</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

**Independently tested systems – third party laboratory certificates available.**

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SYSTEMS SUITABLE FOR CX ENVIRONMENT

TESTED IN ACCORDANCE WITH NORSOK M-501 REV 6 (ISO 12944:2018 PART 9)

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Inorganic zinc	Zinc Clad II EU	60	Element
	Epoxy	Macropoxy 267	160	ERO024159-72
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
2	Inorganic zinc	Zinc Clad II EU	60	Element
	Epoxy	Macropoxy 267	160	ERO024159-73
	Acrylic epoxy	Acrolon 1850	60	
	<b>TOTAL</b>		<b>280</b>	
3	Inorganic zinc	Zinc Clad II EU	60	Element
	Epoxy	Macropoxy 646	160	ERO024159-74
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
4	Inorganic zinc	Zinc Clad II EU	60	Element
	Epoxy	Macropoxy 646	160	ERO024159-75
	Acrylic epoxy	Acrolon 1850	60	
	<b>TOTAL</b>		<b>280</b>	
5	Inorganic zinc	Zinc Clad II EU	75	Element
	Epoxy	Macropoxy 267	145	ERO024159-79
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
6	Inorganic zinc	Zinc Clad II EU	75	Element
	Epoxy	Macropoxy 646	145	ERO024159-80
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
7	Inorganic zinc	Zinc Clad II EU	75	Element
	Epoxy	Macropoxy 646	145	ERO024159-81
	Acrylic epoxy	Acrolon 1850	60	
	<b>TOTAL</b>		<b>280</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

**Independently tested systems – third party laboratory certificates available.**

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SYSTEMS SUITABLE FOR CX ENVIRONMENT

TESTED IN ACCORDANCE WITH NORSOK M-501 REV 6 (ISO 12944:2018 PART 9)

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
9	Organic zinc	Zinc Clad IV EU	75	Element ERO024159-90
	Epoxy	Macropoxy 267	145	
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
10	Organic zinc	Zinc Clad IV EU	60	Element ERO024159-96
	Epoxy	Macropoxy 267	160	
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
11	Organic zinc	Zinc Clad IV EU	60	Element ERO024159-97
	Epoxy	Macropoxy 267	160	
	Acrylic epoxy	Acrolon 1850	60	
	<b>TOTAL</b>		<b>280</b>	
12	Organic zinc	Zinc Clad IV EU	60	Element ERO024159-98
	Epoxy	Macropoxy 646	160	
	Polyurethane	Acrolon 7300	60	
	<b>TOTAL</b>		<b>280</b>	
13	Organic zinc	Zinc Clad IV EU	60	Element ERO024159-99
	Epoxy	Macropoxy 646	160	
	Acrylic epoxy	Acrolon 1850	60	
	<b>TOTAL</b>		<b>280</b>	
14	Inorganic zinc	Zinc Clad II EU	60	Element ERO024159-76
	Epoxy	Macropoxy 267	120	
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>280</b>	
15	Inorganic zinc	Zinc Clad II EU	60	Element ERO024159-77
	Epoxy	Macropoxy 646	120	
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>280</b>	
16	Inorganic zinc	Zinc Clad II EU	60	Element ERO024159-82
	Epoxy	Macropoxy 267	105	
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>280</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

### Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SYSTEMS SUITABLE FOR CX ENVIRONMENT

TESTED IN ACCORDANCE WITH NORSOK M-501 REV 6 (ISO 12944:2018 PART 9)

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
17	Inorganic zinc	Zinc Clad II EU	60	Element
	Epoxy	Macropoxy 646	105	ERO024159-83
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>280</b>	
18	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 646	120	ERO024159-100
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>280</b>	
19	Organic zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy 267	120	ERO024159-101
	Polysiloxane	Sher-Loxane 800	100	
	<b>TOTAL</b>		<b>280</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SYSTEMS SUITABLE FOR IM1 ENVIRONMENT

### HIGH DURABILITY

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 646	190	Element
	Epoxy	Macropoxy 646	190	ERO034391-31
	<b>TOTAL</b>		<b>380</b>	
2	Epoxy	Nova-Plate UHS	400	Element
	<b>TOTAL</b>		<b>400</b>	ERO034391-34
3	Epoxy	Macropoxy M922	400	Element
	<b>TOTAL</b>		<b>400</b>	ERO034391-37
4	Epoxy	Macropoxy M922	190	Element
	Epoxy	Macropoxy M922	190	ERO034391-40
	<b>TOTAL</b>		<b>380</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

**Independently tested systems – third party laboratory certificates available.**

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SYSTEMS SUITABLE FOR IM2/IM3 ENVIRONMENT

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Fast Clad ER	500	Element
	<b>TOTAL</b>		<b>500</b>	ERO024159-70-Im2-2018
2	Epoxy	Macropoxy 646	250	Element
	Epoxy	Macropoxy 646	250	ERO024159-65-Im2-2018
	<b>TOTAL</b>		<b>500</b>	
3	Epoxy	Macropoxy M922	250	Element
	Epoxy	Macropoxy M922	250	ERO024159-66-Im2-2018
	<b>TOTAL</b>		<b>500</b>	
4	Epoxy	Macropoxy M922	500	Element
	<b>TOTAL</b>		<b>500</b>	ERO024159-68-Im2-2018
5	Epoxy	Macropoxy C123	320	Element
	Acrylic Epoxy	Acrolon 1850	60	N100117-2
	<b>TOTAL</b>		<b>380</b>	
6	Epoxy	Macropoxy 646	190	Element
	Epoxy	Macropoxy 646	190	ERO034391-32
	<b>TOTAL</b>		<b>380</b>	
7	Epoxy	Nova-Plate UHS	400	Element
	<b>TOTAL</b>		<b>400</b>	ERO034391-35
8	Epoxy	Macropoxy M922	400	Element
	<b>TOTAL</b>		<b>400</b>	ERO034391-38

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

### Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SYSTEMS SUITABLE FOR IM4 ENVIRONMENT

TESTED IN ACCORDANCE WITH NORSOK M-501 REV 6 7B

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 646	175	Element
	Epoxy	Macropoxy 646	175	ERO024159-6
	<b>TOTAL</b>		<b>350</b>	
2	Epoxy	Macropoxy M922	175	Element
	Epoxy	Macropoxy M922	175	ERO024159-126
	<b>TOTAL</b>		<b>350</b>	
3	Epoxy	Macropoxy L674	50	Element
	Epoxy	Macropoxy M922	350	ERO030520-1
	<b>TOTAL</b>		<b>400</b>	
4	Epoxy	Fast Clad 7240	125	Element
	Epoxy	Macropoxy C123	475	NO20107
	<b>TOTAL</b>		<b>600</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

**Independently tested systems – third party laboratory certificates available.**

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## SPLASH ZONE AND TIDAL ZONES CX (OFFSHORE) AND IM4 ENVIRONMENT

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Organic Zinc	Zinc Clad IV EU	60	Element
	Epoxy	Macropoxy M922	340	ERO027446-34-Im4
	Polyurethane	Acrolon 7300	50	
	<b>TOTAL</b>		<b>450</b>	

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## GALVANIZED - C3 ENVIRONMENT

C3 HIGH DURABILITY: 15-25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 646	70	Element
	Polyurethane	Acrolon 7300	50	ERO034391-1
	<b>TOTAL</b>		<b>120</b>	
2	Epoxy	Macropoxy 400	70	Element
	Polyurethane	Acrolon 7300	50	ERO034391-3
	<b>TOTAL</b>		<b>120</b>	
3	Epoxy	Macropoxy K267	70	Element
	Polyurethane	Acrolon 7300	50	ERO034391-5
	<b>TOTAL</b>		<b>120</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

**Independently tested systems – third party laboratory certificates available.**

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## **GALVANIZED - C3 ENVIRONMENT**

C3 VERY HIGH DURABILITY: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy K267	110	Element
	Polyurethane	Acrolon 7300	50	ERO034391-7
	<b>TOTAL</b>		<b>160</b>	
3	Epoxy	Macropoxy 646	110	Element
	Polyurethane	Acrolon 7300	50	ERO034391-9
	<b>TOTAL</b>		<b>160</b>	
5	Epoxy	Macropoxy 400	110	Element
	Polyurethane	Acrolon 7300	50	ERO034391-11
	<b>TOTAL</b>		<b>160</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## GALVANIZED - C4 ENVIRONMENT

C4 HIGH DURABILITY: 15 - 25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy K267	110	Element
	Polyurethane	Acrolon 7300	50	ERO034391-7
	<b>TOTAL</b>		<b>160</b>	
2	Epoxy	Macropoxy 646	110	Element
	Polyurethane	Acrolon 7300	50	ERO034391-9
	<b>TOTAL</b>		<b>160</b>	
3	Epoxy	Macropoxy 400	110	Element
	Polyurethane	Acrolon 7300	50	ERO034391-11
	<b>TOTAL</b>		<b>160</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

### Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## GALVANIZED - C4 ENVIRONMENT

C4 VERY HIGH DURABILITY REGIME 1: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-13
	<b>TOTAL</b>		<b>200</b>	
2	Epoxy	Macropoxy K267	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-14
	<b>TOTAL</b>		<b>200</b>	
4	Epoxy	Macropoxy 646	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-15
	<b>TOTAL</b>		<b>200</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## GALVANIZED - C5 ENVIRONMENT

### C5 HIGH DURABILITY REGIME 1: 15-25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-13
	<b>TOTAL</b>		<b>200</b>	
2	Epoxy	Macropoxy K267	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-14
	<b>TOTAL</b>		<b>200</b>	
3	Epoxy	Macropoxy 646	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-15
	<b>TOTAL</b>		<b>200</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## GALVANIZED - C5 ENVIRONMENT

### C5 HIGH DURABILITY REGIME 2: 15-25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-19
	<b>TOTAL</b>		<b>200</b>	
2	Epoxy	Macropoxy 646	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-20
	<b>TOTAL</b>		<b>200</b>	
3	Epoxy	Macropoxy K267	150	Element
	Polyurethane	Acrolon 7300	50	ERO034391-21
	<b>TOTAL</b>		<b>200</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

## Independently tested systems – third party laboratory certificates available.

Reference to corrosivity environments and durability levels refer to ISO 12944:2018 definitions.

## GALVANIZED - C5 ENVIRONMENT

C5 VERY HIGH DURABILITY REGIME 2: >25 YRS

System	Product chemistry	Coating system	Thickness dft (um)	Certificate
1	Epoxy	Macropoxy 400	190	Element
	Polyurethane	Acrolon 7300	50	ERO034391-25
	<b>TOTAL</b>		<b>240</b>	
2	Epoxy	Macropoxy 646	190	Element
	Polyurethane	Acrolon 7300	50	ERO034391-26
	<b>TOTAL</b>		<b>240</b>	
3	Epoxy	Macropoxy K267	190	Element
	Polyurethane	Acrolon 7300	50	ERO034391-27
	<b>TOTAL</b>		<b>240</b>	

The durability is in this case related to the paint system adhesion, to the hot dip galvanized surface. In case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel.

The durability range is not a "guarantee time". Durability is a technical consideration / planning parameter that can help the owner set up a maintenance programme. A guarantee time is a consideration that is the legal subject of clauses in the administrative part of the contract. The guarantee time is usually shorter than the durability range. There are no rules that link the two periods of time.

A construction site in a city with a worker in the foreground and a crane in the background. The worker is wearing a blue uniform, a yellow hard hat, and a high-visibility vest. The site is filled with scaffolding, rebar, and stacks of materials. In the background, there are several tall buildings, including a prominent one with a spire. A large crane is visible in the upper right corner.

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# ISO 12944

SYSTEMS GUIDE 2021 EDITION  
COMPLIANT WITH ISO 12944:2018  
ISSUE INDEPENDENTLY TESTED

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Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

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