

ISO 12944-5 PAINT SYSTEMS

Updated 2.2.2021

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CORROSION CLASS C2 – LOW

carbon steel surfaces

ISO 12944-5 Paint systems

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C2.01	Praimex Paja-Pohja	AK	1	40					Norrapid 7 / 10 / 12	AK	1	40	80	2	●			
variant	Norrapid 7	AK	1	80									80	1	●			
C2.02	Praimex Paja-Pohja	AK	1	60					Norrapid 7 / 10 / 12	AK	1	40	100	2	●	●		
variant	Norrapid 7	AK	1	100									100	1	●	●		
C2.03	Praimex Paja-Pohja	AK	1	80					Norrapid 7 / 10 / 12	AK	1	80	160	2	●	●	●	
C2.04	Praimex Paja-Pohja	AK	1	80	Praimex Paja-Pohja	AK	1	80	Norrapid 7 / 10 / 12	AK	1	40	200	3	●	●	●	●
C2.05	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NOR E-Primer	EP	1	60					Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normadur Aqua DTM	PUR	1	60	120	2	●	●	●	
variant	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NOR E-Primer	EP	1	60					Epocoat 210 Epotex HB Norepox HS Norepox Aqua DTM	EP	1	60	120	2	●	●	●	
variant	Normadur 65 HS Normafine HS Normafine 20 Normafine 80 Normadur Aqua DTM	PUR	1	120									120	1	●	●	●	
variant	Epotex HB Noreguard HS Norepox HS Norepox Aqua DTM	EP	1	120									120	1	●	●	●	
variant	Akvanor 100 SG	AY	1	120									120	1	●	●	●	
C2.06	Epocoat 21 HB NorECOat FD Primer NorECOat HS Primer	EP	1	100					Normadur 65 HS Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	80	180	2	●	●	●	●
C2.07	Normazinc SE Normazinc Plus	Zn(R)	1	60									60	1	●	●	●	
C2.08	Normazinc SE Normazinc Plus	Zn(R)	1	60					Normadur 65 HS Normafine HS Normafine 80 Normadur Aqua DTM	PUR	1	100	160	2	●	●	●	●

CORROSION CLASS C3 – MEDIUM

carbon steel surfaces

ISO 12944-5 Paint systems

CARBON STEEL – CORROSION CLASS C3

PAINT SYSTEMS C3.01 – C3.05

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C3.01	Praimex Paja-Pohja	AK	1	60					Norrapid 7 / 10 / 12	AK	1	40	100	2	●			
C3.02	Praimex Paja-Pohja	AK	1	80					Norrapid 7 / 10 / 12	AK	1	80	160	2	●	●		
C3.03	Praimex Paja-Pohja	AK	1	80	Praimex Paja-Pohja	AK	1	80	Norrapid 7 / 10 / 12	AK	1	40	200	3	●	●	●	
C3.04	Praimex Paja-Pohja	AK	1	90	Praimex Paja-Pohja	AK	1	90	Norrapid 7	AK	1	80	260	3	●	●	●	●
C3.05	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NOR E-Primer	EP	1	60					Normadur 50 (9:1) Normadur 50 HS Normadur 65 HS Normafine 20 Normafine 50 TC Normafine 80 Normadur Aqua DTM	PUR	1	60	120	2	●	●		
variant	Epocoat 21 HB Epocoat 21 Primer NOR E-Primer	EP	1	60					Epocoat 210 Epotex HB Norepox HS Norepox Aqua DTM	EP	1	60	120	2	●	●		
variant	Normadur 65 HS Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	120									120	1	●	●		
variant	Epotex HB Noreguard HS Norepox HS Normastic 405 Norepox Aqua DTM	EP	1	120									120	1	●	●		
variant	Akvanor 100 SG	AY	1	120									120	1	●	●		

CARBON STEEL – CORROSION CLASS C3

PAINT SYSTEMS C3.06 – C3.10

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C3.06	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	100					Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	80	180	2	●	●	●	
variant	NorECOat FD Primer Normastic 405	EP	1	100					Epocoat 210 Epotex HB Noreguard HS Norepox HS	EP	1	80	180	2	●	●	●	
C3.07	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	140					Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	100	240	2	●	●	●	●
C3.08	Normazinc SE Normazinc Plus	Zn(R)	1	60									60	1	●	●		
C3.09	Normazinc SE Normazinc Plus	Zn(R)	1	60					Normadur 65 HS Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	100	160	2	●	●	●	
variant	Normazinc SE Normazinc Plus	Zn(R)	1	60					Epotex HB Noreguard HS Norepox HS Norepox Aqua DTM	EP	1	100	160	2	●	●	●	
C3.10	Normazinc SE Normazinc Plus	Zn(R)	1	60	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Normafine 50 TC Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	60	200	3	●	●	●	●

CORROSION CLASS C4 – HIGH carbon steel surfaces

ISO 12944-5 Paint systems

CARBON STEEL – CORROSION CLASS C4

PAINT SYSTEMS C4.01 – C4.05

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C4.01	Praimex Paja-Pohja	AK	1	80					Norrapid 7 / 10 / 12	AK	1	80	160	2	●			
C4.02	Praimex Paja-Pohja	AK	1	80	Praimex Paja-Pohja	AK	1	80	Norrapid 7 / 10 / 12	AK	1	40	200	3	●	●		
C4.03	Praimex Paja-Pohja	AK	1	90	Praimex Paja-Pohja	AK	1	90	Norrapid 7 / 10 / 12	AK	1	80	260	3	●	●	●	
C4.04	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NOR E-Primer	EP	1	60					Normadur 50 (9:1) Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	60	120	2	●			
variant	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NOR E-Primer	EP	1	60					Epocoat 210 Epotex HB Norepox HS Norepox Aqua DTM	EP	1	60	120	2	●			
variant	Normadur 65 HS Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	120									120	1	●			
variant	Noreguard HS Norepox HX Epotex HB Norepox Aqua DTM	EP	1	120									120	1	●			
C4.05	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	100					Normadur 50 (9:1) Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	80	180	2	●	●		

CARBON STEEL – CORROSION CLASS C4

PAINT SYSTEMS C4.06 – C4.11

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C4.06	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Normadur 50 HS Normadur 65 HS Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	80	240	3	●	●	●	
variant	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Epotex HB Noreguard HS Norepox HS Epocoat 210 Norepox Aqua DTM	EP	1	80	240	3	●	●	●	
C4.07	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	120	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	120	Normadur 50 (9:1) Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	60	300	3	●	●	●	●
variant	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	120	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	120	Epocoat 210 Epotex HB Norepox HS	EP	1	60	300	3	●	●	●	●
C4.08	Normazinc SE Normazinc Plus	Zn(R)	1	60									60	1	●			
C4.09	Normazinc SE Normazinc Plus	Zn(R)	1	60					Normadur 65 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	100	160	2	●	●		
C4.10	Normazinc SE Normazinc Plus	Zn(R)	1	60	Epocoat 21 Primer Epocoat 21 HB NorECOat HS Primer NorECOat FD Primer	EP	1	80	Normadur 50 HS Normadur 65 HS Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	60	200	3	●	●	●	
C4.11	Normazinc Plus	Zn(R)	1	60	NorECOat FD Primer NorECOat HS Primer Normastic 405	EP	1	140	Normadur 65 HS Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	60	260	3	●	●	●	●

CORROSION CLASS C5 – VERY HIGH carbon steel surfaces

ISO 12944-5 Paint systems

CARBON STEEL – CORROSION CLASS C5

PAINT SYSTEMS C5.01 – C5.04

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C5.01	Epocoat 21 HB NorECOat FD Primer NorECOat HS Primer Normastic 405	EP	1	120					Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	60	180	2	●			
C5.02	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Normadur 50 HS Normadur 65 HS Normafine 20 Normafine 80 Normafine HS	PUR	1	80	240	3	●	●		
variant	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	80	Epocoat 210 Epotex HB Noreguard HS Norepox HS	EP	1	80	240	3	●	●		
C5.03	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	120	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	120	Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	60	300	3	●	●	●	
variant	Epocoat 21 HB Epocoat 21 Primer NorECOat FD MIO Primer NorECOat HS Primer	EP	1	120	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer NorECOat HS Primer	EP	1	120	Epocoat 210 Epotex HB Norepox HS	EP	1	60	300	3	●	●	●	
C5.04	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	140	NorECOat FD MIO Primer Normastic 405 AL Normastic 405 <i>Harmaa, grey</i> Normastic 405 <i>Punainen, red</i>	EP	1	140	Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	80	360	3	●	●	●	●

CARBON STEEL – CORROSION CLASS C5

PAINT SYSTEMS C5.05 – C5.08

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
C5.05	Normazinc SE Normazinc Plus	Zn(R)	1	60					Normadur 65 HS Normafine 80 Normafine HS Normadur Aqua DTM	PUR	1	100	160	2	●			
C5.06	Normazinc SE Normazinc Plus	Zn(R)	1	60	Epocoat 21 HB Epocoat 21 Primer NorECOat HS Primer	EP	1	80	Normadur 65 HS Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normadur Aqua DTM	PUR	1	60	200	2-3	●	●		
C5.07	Normazinc Plus	Zn(R)	1	60	NorECOat FD MIO Primer	EP	1	120	Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	80	260	3-4	●	●	●	
C5.08	Normazinc Plus	Zn(R)	1	60	Normastic 405	EP	1	200	Normadur 50 (9:1) Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	60	320	3-4	●	●	●	●

CORROSION CLASSES C2 – C5

hot dip galvanized steel surfaces

ISO 12944-5 Paint systems

HOT DIP GALVANIZED STEEL CORROSION CLASSES C2 – C4

	Corrosion class	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY				
		Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high	
G2.01	C2	Epotex HB Normafine 50 TC	EP PUR	1	80									80	1	●	●	●		
G2.02		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●	●	●	●	
G2.03		Epotex HB	EP	1	120										120	1	●	●	●	●
G3.01	C3	Epotex HB Normafine 50 TC	EP PUR	1	80									80	1	●	●			
G3.02		Epotex HB	EP	1	120										120	1	●	●	●	
G3.03		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●	●	●	
G3.04		Epocoat 21 Primer	EP	1	80					Normadur 50 (9:1) Normadur 50 HS Normadur 65 HS Normafine 20 Normafine 50 TC Normafine 80 Normafine HS	PUR	1	80	160	2	●	●	●	●	
G3.05		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●	●	●	●
G4.01		C4	Epotex HB	EP	1	80									80	1	●			
G4.02	Epotex HB		EP	1	120										120	1	●	●		
G4.03	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●	●		
G4.04	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer		EP	1	80					Epocoat 210 Epotex HB Noreguard HS Norepox HS	EP	1	80	160	2	●	●	●		
G4.05	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●	●	●	
G4.06	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer		EP	1	100					Normadur 65 HS Normafine 20 Normafine 80 Normafine HS	PUR	1	100	200	2	●	●	●	●	

HOT DIP GALVANIZED STEEL CORROSION CLASS C5

	Corrosion class	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
		Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
G5.01	C5	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer	EP	1	60					Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	60	120	2	●			
G5.02		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●		
G5.03		Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer	EP	1	80					Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	80	160	2	●	●		
G5.04		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●	●	
G5.05		Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer	EP	1	60	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer	EP	1	60	Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	80	200	3	●	●	●	
G5.06		Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer	EP	1	80	Epocoat 21 HB Epocoat 21 Primer NorECOat FD Primer	EP	1	80	Normadur 50 HS Normadur 65 HS Normafine 50 TC Normafine 20 Normafine 80 Normafine HS	PUR	1	80	240	3	●	●	●	●

IMMERSION CLASSES

carbon steel surfaces

ISO 12944-5 Paint systems

Im1

fresh water

Im2

sea water / brackish water

Im3

buried in soil

CARBON STEEL – IMMERSION CLASSES

Im1, Im2, Im3

	PRIMER COAT				INTERMEDIATE COAT				TOP COAT				SYSTEM		DURABILITY			
	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	Product name	Binder type	Coats	DFT	DFT total	Total coats	low	med	high	very high
I.01	Normazinc Plus	Zn(R)	1	60	Normastic 405	EP	1	150	Normastic 405	EP	1	150	360	3	●	●	●	
I.02	Normazinc Plus	Zn(R)	1	60	Normastic 405	EP	1	220	Normastic 405	EP	1	220	500	3	●	●	●	●
I.03	Normastic 405 AL	EP	1	190					Normastic 405	EP	1	190	380	2	●	●	●	
I.04	Epocoat 280 GF	EP	1	270					Epocoat 280 GF	EP	1	270	540	2	●	●	●	●
I.05	Normastic 405 AL	EP	1	200					Normastic 405	EP	1	200	400	2	●	●	●	
I.06	Epocoat 280 GF	EP	1	300					Epocoat 280 GF	EP	1	300	600	2	●	●	●	●



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