



Jotun Protects Property



ISO 12944
Coating Selector
Revision 3

A global provider of coatings



The Jotun Group is one of the world's leading manufacturers of paints, coatings and powder coatings. Jotun's operations ensure the very best in paint systems and products to protect and decorate surfaces in the residential, shipping and industrial markets. Everything we do, from development to production, marketing, sales and consultancy is to protect the property of our customers all over the world.



Jotun GreenSteps

Jotun recognises the responsibility we have to the environment and have established our own GreenSteps programme. This programme allows us to address market demand for producing coatings solutions that are more sustainable. After all, for a more colourful world, we all need to be a little greener.



Reducing VOC emissions



Reducing hazardous materials



Reducing energy consumption



Reducing carbon footprint



Reducing waste

REPRESENTED IN MORE THAN



100

COUNTRIES

ACROSS ALL CONTINENTS

1000+

SKILLED COATING ADVISORS



UNIFORM STANDARD
WORLDWIDE



40

PRODUCTION
FACILITIES



64
COMPANIES

ISO 12944

the universally accepted standard for corrosion protection of structural steel

Whether in the atmosphere, water or soil, all un-protected steel is subject to corrosion which will eventually lead to failure. To avoid this, steel should be protected not only from the service environment but also for the proposed lifetime of a structure.

The ISO 12944 standard is designed as a guideline for architects, engineers, specifiers, contractors and applicators in choosing the correct systems to meet the demands of both environment and service life.

Atmospheric corrosivity categories and examples of typical environments are given in BS EN ISO 12944-2 (Table 1) and BS EN ISO 9226 (Table 2).

With vast experience and expertise globally in protecting on & offshore structures for all concepts of the protective market, Jotun has a coating system to meet the exact anticorrosive requirements for every situation.

Choosing a coating system that complies with ISO 12944 can be achieved in three straightforward steps:

1
select
ENVIRONMENT

2
select
DURABILITY

3
select
COATING SYSTEM



1 Select the corrosive environment most suited to your project

Corrosion category	Exterior	Interior
C1 Very Low		Heated buildings with clean atmospheres, e.g. offices, shops, schools, hotels
C2 Low	Atmospheres with low level of pollution; mostly rural areas	Unheated buildings where condensation can occur, e.g. depots, sports halls
C3 Medium	Urban and industrial atmospheres, moderate sulfur dioxide pollution; coastal areas with low salinity	Production rooms with high humidity and some air pollution, e.g. food processing plants, laundries, breweries, dairies
C4 High	Industrial areas and coastal areas with moderate salinity	Chemical plants, swimming pools, coastal ship and boatyards
C5 Very high	Industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity	Buildings or areas with almost permanent condensation and with high pollution
CX Extreme	Offshore areas with high salinity and industrial areas with extreme humidity and aggressive atmosphere and subtropical and tropical atmospheres	Industrial areas with extreme humidity and aggressive atmosphere

Categories for water and soil

Category	Environment	Examples of environments and structures
Im1	Fresh water	River installations, hydro-electric power plants
Im2	Seas or brackish water	Immersed structures without cathodic protection (e.g. harbour areas with structures like sluice gates, locks or jetties)
Im3	Soil	Buried tanks, steel piles, steel pipes
Im4	Sea or brackish water	Immersed structures with cathodic protection (eg. offshore structures)



2 Select the required lifetime of the coating system

Durability	Years to first major maintenance
Low (L)	Up to 7 years
Medium (M)	7 years to 15 years
High (H)	15 years to 25 years
Very high (VH)	More than 25 years



Common durability considerations:

- Design of a structure
- Conditions during application
- Time to first maintenance
- Accessibility for maintenance



3 Select your coating system



Jotun Protects Property

Table C.2 Paint systems for carbon steel for corrosivity category C2

System No	PRIMER COAT				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY			
	Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	low	med	high	very high
C2.01	Pilot QD Primer	AK	1	40	Pilot II	1	AK	40	80	2	✓			
C2.02	Pilot QD Primer	AK	1	60	Pilot II	1	AK	40	100	2	✓	✓		
C2.03	Penguard Express or Penguard Express ZP	EP	1	70	Hardtop AX or XP	1	PUR	50	120	2	✓	✓	✓	
C2.04	Penguard Express or Penguard Express ZP	EP	1	120	Hardtop AX or XP	1	PUR	60	180	2	✓	✓	✓	✓
C2.05	Penguard Express or Penguard Express ZP	EP	1	70	Futura Classic	1	PUR	50	120	2	✓	✓	✓	
C2.06	Penguard Express or Penguard Express ZP	EP	1	120	Futura Classic	1	PUR	60	180	2	✓	✓	✓	✓

Table C.3 Paint systems for carbon steel for corrosivity category C3

Report No	System No	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY			
		Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	low	med	high	very high
	C3.01	Pilot QD Primer	AK	1	60	N/A	N/A	N/A	N/A	Pilot II	1	AK	40	100	2	✓			
	C3.02	Pilot QD Primer	AK	1	120	N/A	N/A	N/A	N/A	Pilot II	1	AK	40	160	2	✓	✓		
	C3.03	Penguard Express or Penguard Express ZP	EP	1	70	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	50	120	2	✓	✓		
	Alternative	Barrier 80 S	ZnR	1	50	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	70	120	2	✓	✓		
	C3.04	Barrier 80 S	ZnR	1	80	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	100	180	2	✓	✓	✓	
	Alternative	Penguard Express or Penguard Express ZP	EP	1	120	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	180	2	✓	✓	✓	
2017-00183	C3.05	Penguard Express or Penguard Express ZP	EP	1	180	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	240	2	✓	✓	✓	✓
	C3.06	Barrier 80 S	ZnR	1	60	Penguard Express or Penguard Express ZP	1	EP	80	Hardtop AX or XP	1	PUR	60	200	3	✓	✓	✓	✓
	C3.07	Penguard Express or Penguard Express ZP	EP	1	70	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	50	120	2	✓	✓		
2018-00584 / 2018-00585	C3.08	Penguard Express or Penguard Express ZP	EP	1	130	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	50	180	2	✓	✓	✓	
2017-00183	C3.09	Penguard Express or Penguard Express ZP	EP	1	180	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	60	240	2	✓	✓	✓	✓
	C3.10	Jotamastic 85	EP	1	130	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	50	180	2	✓	✓	✓	
23237602.3	C3.11	Jotamastic 85	EP	1	190	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	50	240	2	✓	✓	✓	✓

DFT = Dry Film Thickness per coat.

Total DFT = Dry Film Thickness of complete system.

In addition to specified ones Jotun can also offer other systems in various generics.

Please refer to relevant technical data sheets and application guides for product details and recommended practices for surface preparations and applications.

These are sample specifications which comply with ISO 12944-5:2019. Some systems are given with test codes that have been externally tested by third parties and/or internally tested by Jotun. Please contact your local Jotun office for further information and compliant alternatives.

Table C.4 Paint systems for carbon steel for corrosivity category C4

Report No	System No	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY			
		Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	low	med	high	very high
	C4.01	Pilot QD Primer	1	AK	120	N/A	N/A	N/A	N/A	Pilot II	1	AK	40	160	2	✓			
	C4.02	Pilot QD Primer	2	AK	80	N/A	N/A	N/A	N/A	Pilot II	1	AK	40	200	3	✓	✓		
2019-00047	C4.03	Penguard Express or Penguard Express ZP	1	EP	70	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	50	120	2	✓			
	Alternative	Barrier 80 S	1	ZnR	50	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	70	120	2	✓			
	C4.04	Barrier 80 S	1	ZnR	80	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	100	180	2	✓	✓		
	Alternative	Penguard Express or Penguard Express ZP	1	EP	120	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	180	2	✓	✓		
	C4.05	Penguard Express or Penguard Express ZP	1	EP	180	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	240	2	✓	✓	✓	
2022-00263 -2022-00260	C4.06	Barrier 80 S	1	ZnR	60	Penguard Express or Penguard Express ZP	1	EP	190	Hardtop AX or XP	1	PUR	50	300	3	✓	✓	✓	✓
	Alternative	Penguard Express or Penguard Express ZP	1	EP	120	Penguard Express or Penguard Express ZP	1	EP	120	Hardtop AX or XP	1	PUR	60	300	3	✓	✓	✓	✓
	C4.07	Barrier 80 S	1	ZnR	60	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	100	160	2	✓	✓		
NO20476	C4.08	Barrier 80 S	1	ZnR	60	Penguard Express or Penguard Express ZP	1	EP	90	Hardtop AX or XP	1	PUR	50	200	3	✓	✓	✓	
2021-00161/ 2021-00162	C4.09	Barrier 80 S	1	ZnR	60	Penguard Express or Penguard Express ZP	1	EP	140	Hardtop AX or XP	1	PUR	60	260	3	✓	✓	✓	✓
LAB19-0010	C4.10	Penguard Express or Penguard Express ZP	1	EP	130	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	50	180	2	✓	✓		
	C4.11	Penguard Express or Penguard Express ZP	1	EP	180	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	60	240	2	✓	✓	✓	
AN296497/23237602.1	C4.12	Jotamastic 85	1	EP	130	N/A	N/A	N/A	N/A	Hardtop AX or XP/Futura Classic	1	PUR	50	180	2	✓	✓		
MAN296500/23237602.3	C4.13	Jotamastic 85	1	EP	190	N/A	N/A	N/A	N/A	Hardtop AX or XP/Futura Classic	1	PUR	50	240	2	✓	✓	✓	
23237602.4 / 23237602.5	C4.14	Jotamastic 85	1	EP	250	N/A	N/A	N/A	N/A	Hardtop AX or XP/ Futura Classic	1	PUR	50	300	2	✓	✓	✓	✓
	C4.15	Jotamastic 90 or Jotacote Universal N10	1	EP	190	N/A	N/A	N/A	N/A	Jotatop Pro	1	AY	50	240	2	✓	✓	✓	
	C4.16	Jotamastic 90 or Jotacote Universal N10	1	EP	250	N/A	N/A	N/A	N/A	Jotatop Pro	1	AY	50	300	2	✓	✓	✓	✓
2020-00281	C4.17	Jotacote Universal S120	1	EP	180	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	240	2	✓	✓	✓	
3400-20-032323 Mt06	C4.18	Jotacote Universal S120	1	EP	240	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	300	2	✓	✓	✓	✓
	C4.19	Penguard Express or Penguard Express ZP	1	EP	120	Penguard Express or Penguard Express ZP	1	EP	120	Hardtop Pro	1	PS	60	300	3	✓	✓	✓	✓

Table C.5 Paint systems for carbon steel for corrosivity category C5

Report no	System No	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY			
		Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	low	med	high	very high
	C5.01	Penguard Express or Penguard Express ZP	EP	1	120	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	180	2	✓			
	C5.02	Penguard Express or Penguard Express ZP	EP	1	180	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	240	2	✓	✓		
NO20624	C5.03	Barrier 80 S	ZnR	1	60	Penguard Express or Penguard Express ZP	1	EP	150	Hardtop AX or XP	1	PUR	50	260	3	✓	✓	✓	
LAB19-0044-REP	Alternative	Penguard Express or Penguard Express ZP	EP	1	120	Penguard Express or Penguard Express ZP	1	EP	120	Hardtop AX or XP	1	PUR	60	300	3	✓	✓	✓	
NO20697	C5.04	Barrier 80 S	ZnR	1	60	Penguard Express or Penguard Express ZP	1	EP	210	Hardtop AX or XP	1	PUR	50	320	3	✓	✓	✓	✓
NO18539	Alternative	Penguard Express or Penguard Express ZP	EP	1	155	Penguard Express or Penguard Express ZP	1	EP	155	Hardtop AX or XP	1	PUR	50	360	3	✓	✓	✓	✓
	C5.05	Barrier 80 S	ZnR	1	60	Penguard Express or Penguard Express ZP	1	EP	80	Hardtop AX or XP	1	PUR	60	200	3	✓	✓		
NO20691	C5.06	Barrier 80 S	ZnR	1	60	Penguard Express or Penguard Express ZP	1	EP	140	Futura Classic	1	PUR	60	260	3	✓	✓	✓	
NO20698	C5.07	Barrier 80 S	ZnR	1	60	Penguard Universal	1	EP	200	Hardtop AX or XP	1	PUR	60	320	3	✓	✓	✓	✓
	C5.08	Penguard Express or Penguard Express ZP	EP	1	180	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	60	240	2	✓	✓		
NO18528	C5.09	Penguard Express or Penguard Express ZP	EP	1	250	N/A	N/A	N/A	N/A	Futura Classic	1	PUR	50	300	2	✓	✓	✓	
	C5.10	Jotamastic 85	EP	1	190	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	50	240	2	✓	✓		
23237602.4	C5.11	Jotamastic 85	EP	1	250	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	50	300	2	✓	✓	✓	
	C5.12	Jotamastic 85	EP	1	150	Jotamastic 85	1	EP	150	Hardtop AX or XP	1	PUR	60	360	3	✓	✓	✓	✓
	C5.13	Jotamastic 90 or Jotacote Universal N10	EP	1	190	N/A	N/A	N/A	N/A	Jotatop Pro	1	AY	50	240	2	✓	✓		
	C5.14	Jotamastic 90 or Jotacote Universal N10	EP	1	250	N/A	N/A	N/A	N/A	Jotatop Pro	1	AY	50	300	2	✓	✓	✓	
	C5.15	Jotamastic 90 or Jotacote Universal N10	EP	1	150	Jotamastic 90 or Jotacote Universal N10	1	EP	160	Jotatop Pro	1	AY	50	360	3	✓	✓	✓	✓
3400-20-032323 Mt06	C5.16	Jotacote Universal S120	EP	1	240	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	60	300	2	✓	✓	✓	
3400-20-032323 Mt04	C5.17	Jotacote Universal S120	EP	1	240	N/A	N/A	N/A	N/A	Hardtop Optima	1	PS	60	300	2	✓	✓	✓	
	C5.18	Penguard Express or Penguard Express ZP	EP	1	125	Penguard Express or Penguard Express ZP	1	EP	125	Hardtop Pro	1	PS	50	300	3	✓	✓	✓	

3 Select your coating system



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Table C.6 Paint systems for carbon steel for immersion categories Im1 Im2 Im3

Report No	System No	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY				NOTES
		Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	low	med	high	very high	
NO21093	I.03	Marathon 550	EP	1	200	N/A	N/A	N/A	N/A	Marathon 550	1	EP	200	400	2	✓	✓	✓		Im1 / Im2&Im3
NO21095	I.04	Marathon 550	EP	1	300	N/A	N/A	N/A	N/A	Marathon 550	1	EP	300	600	2	✓	✓	✓	✓	Im1 / Im2&Im3
NO21089/ NO21074	I.05	Penguard Pro or Penguard Universal	EP	1	200	N/A	N/A	N/A	N/A	Penguard Pro or Penguard Universal	1	EP	200	400	2	✓	✓	✓		Im2/Im3
NO21091/ NO21077	I.06	Penguard Pro or Penguard Universal	EP	1	300	N/A	N/A	N/A	N/A	Penguard Pro or Penguard Universal	1	EP	300	600	2	✓	✓	✓	✓	Im2/Im3

Table E.1 Paint systems on Thermal Sprayed metallic coating for corrosivity categories C4 and C5

System No	Corrosivity category	PRIMER COAT				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY	
		Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	high	very high
TSM 4.01	C4	Penguard Express	1	EP	100	Hardtop AX or XP	1	PUR	60	160	2	✓	
TSM 4.02		Penguard Express	1	EP	140	Hardtop AX or XP	1	PUR	60	200	2	✓	✓
TSM 5.01	C5	Penguard Express	1	EP	140	Hardtop AX or XP	1	PUR	60	200	2	✓	
TSM 5.02		Penguard Express	1	EP	160	Hardtop AX or XP	1	PUR	80	240	2	✓	✓

Table D.1 Paint systems on hot dip galvanised steel for corrosivity categories C2 to C5

System No	Corrosivity category	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM		DURABILITY			
		Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	low	med	high	very high
G2.01	C2	Jotacote F60 or Jotacote Universal N10	EP	1	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80	1	✓	✓	✓	
G2.03		Jotacote F60 or Jotacote Universal N10	EP	1	120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	120	1	✓	✓	✓	✓
G3.01	C3	Jotacote F60 or Jotacote Universal N10	EP	1	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80	1	✓	✓		
G3.02		Jotacote F60 or Jotacote Universal N10	EP	1	120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	120	1	✓	✓	✓	
G3.04		Jotacote F60 or Jotacote Universal N10	EP	1	80	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	80	160	2	✓	✓	✓	✓
G4.01	C4	Jotacote F60 or Jotacote Universal N10	EP	1	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80	1	✓			
G4.02		Jotacote F60 or Jotacote Universal N10	EP	1	120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	120	1	✓	✓		
G4.04		Jotacote F60 or Jotacote Universal N10	EP	1	80	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	80	160	2	✓	✓	✓	
G4.06		Jotacote F60 or Jotacote Universal N10	EP	1	80	Jotacote F60 or Jotacote Universal N10	1	EP	60	Hardtop AX or XP	1	PUR	60	200	3	✓	✓	✓	✓
G5.01	C5	Jotacote F60 or Jotacote Universal N10	EP	1	120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	120	1	✓			
G5.02		Jotacote F60 or Jotacote Universal N10	EP	1	80	N/A	N/A	N/A	N/A	Hardtop AX or XP	1	PUR	80	160	2	✓	✓		
G5.04		Jotacote F60 or Jotacote Universal N10	EP	1	80	Jotacote F60 or Jotacote Universal N10	1	EP	70	Hardtop AX or XP	1	PUR	50	200	3	✓	✓	✓	
G5.05		Jotacote F60 or Jotacote Universal N10	EP	1	80	Jotacote F60 or Jotacote Universal N10	1	EP	110	Hardtop AX or XP	1	PUR	50	240	3	✓	✓	✓	✓

Jotun do not recommend an Alkyd system for Galvanized Steel

DFT = Dry Film Thickness per coat.

Total DFT = Dry Film Thickness of complete system.

In addition to specified ones Jotun can also offer other systems in various generics.

Please refer to relevant technical data sheets and application guides for product details and recommended practices for surface preparations and applications.

These are sample specifications which comply with ISO 12944-5:2019. Some systems are given with test codes that have been externally tested by third parties and/or internally tested by Jotun. Please contact your local Jotun office for further information and compliant alternatives.

Table CX Part 9: Protective Paint Systems for Offshore and Related Structures

System / Report No	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM		POSITION			
	Product	Type of product	No of Coats	DFT	Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats	CX (Offshore)	Splash and Tidal Zones CX (offshore and Im4)	Im4	Hot-dip Galvanised steel or Thermal sprayed Zinc coating
3410-10-0014 Mt03	Baltoflake	PYE	1	700	Baltoflake	PYE	1	700	N/A	N/A	N/A	N/A	1400	2	✓	✓	✓	
NO240087	Baltoflake Ecolife	PYE	1	600	Baltoflake Ecolife	PYE	1	600	N/A	N/A	N/A	N/A	1200	2	✓	✓	✓	
NO18345	Marathon IQ2	EP	1	350	Marathon IQ2	EP	1	350	N/A	N/A	N/A	N/A	700	2	✓	✓	✓	
SL13379	Marathon	EP	1	300	Marathon	EP	1	300	N/A	N/A	N/A	N/A	600	2	✓	✓	✓	
3400-18-029130 Mt02 N7A	Marathon 550	EP	1	300	Marathon 550	EP	1	300	N/A	N/A	N/A	N/A	600	2	✓	✓	✓	
3400-20-032323 Mt15	Jotacote Universal S120	EP	1	300	Jotacote Universal S120	EP	1	300	N/A	N/A	N/A	N/A	600	2	✓	✓	✓	
SL13348	Penguard Pro GF	EP	1	300	Penguard Pro GF	EP	1	300	N/A	N/A	N/A	N/A	600	2	✓	✓	✓	
NO22514	Jotamastic 90 AI	EP	1	300	Jotamastic 90 AI	EP	1	300	N/A	N/A	N/A	N/A	600	2	✓	✓	✓	
3400-18-029130 Mt03 N7B	Marathon 550	EP	1	200	Marathon 550	EP	1	200	N/A	N/A	N/A	N/A	400	2			✓	
3400-15-022579 Mt13 Rev. A	Penguard Pro GF	EP	1	175	Penguard Pro GF	EP	1	175	N/A	N/A	N/A	N/A	350	2			✓	
3410-12-009182 Mt06	Jotamastic 90 AI	EP	1	200	Jotamastic 90	EP	1	150	N/A	N/A	N/A	N/A	350	2			✓	
3400-20-032323 Mt15	Jotacote Universal S120	EP	1	175	Jotacote Universal S120	EP	1	175	N/A	N/A	N/A	N/A	350	2			✓	
3400-15-019770 Mt02	Barrier	ZnR	1	60	Penguard Universal AI	EP	1	160	Hardtop Pro	1	PS	60	280	3	✓			
LAB10-0821-REP	Barrier	ZnR	1	75	Penguard Express	EP	1	150	Hardtop XP	1	PU	60	285	3	✓			
SL16617	Barrier	ZnR	1	60	Jotamastic 90 WG	EP	1	160	Hardtop One	1	PS	60	280	3	✓			
3400-15-022579 Mt09 Rev.B	Barrier	ZnR	1	60	Penguard Universal	EP	1	160	Hardtop AX	1	PU	60	280	3	✓			
3400-15-022579 Mt05	Barrier	ZnR	1	60	Jotamastic 90 WG	EP	1	160	Hardtop Pro	1	PS	60	280	3	✓			
NO17673	Barrier Smart Pack	ZnR	1	60	Jotamastic Smart Pack HB	EP	1	160	Hardtop Smart Pack	1	AY	60	280	3	✓			
3400-14-015786 Mt01, Rev. B	Barrier Plus	ZnR	1	60	Penguard Universal	EP	1	160	Hardtop AX	1	PU	60	280	3	✓			
NO240441	Barrier Smart Pack	ZnR	1	60	Jotacote Universal N10	EP	1	190	Jotatop Pro	1	AY	50	300	3	✓			
NO240442	Barrier Smart Pack	ZnR	1	60	Jotamastic 90 WG	EP	1	190	Jotatop Pro	1	AY	50	300	3	✓			
NO240443	Barrier Smart Pack	ZnR	1	60	Jotamastic 90	EP	1	190	Jotatop Pro	1	AY	50	300	3	✓			

Maintenance Systems (Tested in accordance with ISO 12944-9 2018)

Performing maintenance in an offshore environment is expensive and challenging. Jotun offers multiple maintenance systems which reduces both cost and challenges while maintaining the integrity of the asset.

Please contact your local Jotun Office for further information on Maintenance specifications.

System No	PRIMER COAT				INTERMEDIATE COATS				SUBSEQUENT COAT				PAINT SYSTEM	
	Product	Type of product	No of Coats	DFT	Product	Type of product	No of Coats	DFT	Product	No of Coats	Type of product	DFT	Total DFT um	Total No of Coats
Maint. 01	Jotamastic 85 or Jotamastic 90	EP	1	175	Jotamastic 85 or Jotamastic 90	EP	1	175	Hardtop AX or XP	1	PU	50	400	3
Maint. 02	Jotamastic 85 or Jotamastic 90	EP	1	100	Jotamastic 85 or Jotamastic 90	EP	1	100	Hardtop AX or XP	2	PU	50	250	3
Maint. 03	Jotamastic Smart Pack HB	EP	1	150	Jotamastic Smart Pack HB	EP	1	150	Hardtop Smart Pack	2	AY	60	360	3
Maint.04	Barrier Smart Pack	ZnR	1	60	Jotamastic Smart Pack HB	EP	1	160	Hardtop One	2	PS	60	280	3

DFT = Dry Film Thickness per coat.

Total DFT = Dry Film Thickness of complete system.

In addition to specified ones Jotun can also offer other systems in various generics.

Please refer to relevant technical data sheets and application guides for product details and recommended practices for surface preparations and applications.

These are sample specifications which comply with ISO 12944-5:2019. Some systems are given with test codes that have been externally tested by third parties and/or internally tested by Jotun. Please contact your local Jotun office for further information and compliant alternatives.

Coatings prolong asset lifetime and prevent downtime

Owners and operators both know that all structures represent a valuable asset - both as capital expenditure and as a source of ongoing revenue.

Jotun has been providing high-quality coating systems for industrial steel structures for almost a century.

From supplying the first developments in the offshore sector in the southern part of the North Sea, Jotun has grown to become a truly global supplier of high-performance coating solutions to both onshore and offshore industry, with a well proven track record.



Protective Coatings



Jotun works closely with all industries to provide reliable solutions and in our continuous efforts to further meet the challenges in protecting steel structures we have developed innovative, lasting and economic systems for virtually any scenario.



Highways & Bridges



Structural Steel



Offshore Structures



Transportation



Mining



Oil Refineries



Pipelines



Airports & Ports



Tanks

