

INTRODUCING

Jotamastic | 85



THE CHALLENGE OF STEEL CORROSION

- 35 % of all steel corrosion could have been avoided if the steel had better protection (DNV report, 2015)
- The substrate condition determines the ideal primer for maintenance
- **Real-life substrates and conditions can be challenging**
- This is why **we have thoroughly tested Jotamastic 85**, by simulating harsh conditions from the real world

Jotamastic 85

Exceptional
Simplicity

Easy and efficient
to use

Asset faster back
in service

Increased
durability

Jotamastic | 85

EXCEPTIONAL SIMPLICITY

- Jotamastic 85 is a **multipurpose** surface tolerant primer
- One primer from hull to water ballast tank
- Wide range of structural steel
- Jotamastic 85's high ability to accommodate fluctuating temperatures, ensures long-lasting steel protection in a **wide range of temperatures during application, from -5 to + 40**

Jotamastic | 85

EASY AND EFFICIENT TO USE

- Ease of application with **a wide range of application methods**
- Can be applied with airless spray, brush and roller
- When time is of essence, it's vital that your primer has short overcoating intervals and drying times, creating a high demand for fast-curing primer
- Jotamastic 85 provides **efficiency through faster drying** with robust protection:
 - Short overcoating intervals
 - Quick drying and curing



Jotamastic | 85

ASSET FASTER BACK TO SERVICE

- Jotamastic 85 has **only 4 hour drying time**, compared with Jotamastic 80's 10 hour drying time

	Jotamastic 80	Jotamastic 85
Volume solids	80 % / 72 % (WG)	72 %
Overcoat 5°C	18h (WG)	12h
Overcoat 10°C	24h / 12h (WG)	8h
Overcoat 23°C	10h	4h
Overcoat 40°C	4h	2h
VOC EU-IED	249 g/l / 278 g/l (WG)	260 g/l

- Faster completion of maintenance**
- Easier One B component**

Jotamastic | 85

INCREASED DURABILITY

- Jotamastic 85 provides **better corrosion protection on challenging substrates** even in tough environmental conditions
- Preventing corrosion of the substrate
- Jotamastic 85 is **proven to be more durable** in harsh conditions than other surface tolerant products like Jotamastic 80 and Jotaprime 500.

Jotamastic | 85

ENGINEERED FOR PROVEN DURABILITY

- Rigorous tests prove the durability of Jotamastic 85
- In the following accelerated tests:
 - Test A: Neutral salt spray exposure (ISO 9227)
 - Test B: Hot seawater immersion (ISO 2812-2)
 - Test C: ASTM G8 cathodic disbondment
- Jotamastic 85 has achieved the **PSPC-WBT certificate**, documented by a third-party vendor.
- Abrasion resistance and impact resistance test prove Jotamastic 85's robustness and ability to withstand wear and tear
- All these tests prove that Jotamastic 85 is engineered for proven durability

DOCUMENTATION AND CERTIFICATION

IMPORTANT FOR YOUR PROJECTS

Jotamastic 85 provide a range of documentation and certifications needed for your project

- SDS – Safety data sheet
- TDS - Technical documentation sheet
- AG – Application guide
- ISO 12944 up to C5-H
- ASTM G8 – CD
- Certificate: PSPC WBT
- Grain certificate
- Anti-corrosion guarantee

Jotamastic 85 has good **compatibility** with:

Topcoat

- Futura Classic
- Futura Classic 2A (NEA)
- Hardtop XP
- Hardtop AX K II (NEA)
- Hardtop AX
- Hardtop Pro
- Pioner Topcoat
- Penguard HB II (NEA)
- Penguard Topcoat

Intumescent

- Jotachar 1790
- Jotachar JF750
- Jotachar JF750 XT
- Steelmaster 1200 HPE
- Steelmaster 120SB
- Steelmaster 600WF
- Steelmaster 1200WF
- Steelmaster 900WF

Tie coat

- Safeguard FRC S
- Safeguard FRC PE
- Safeguard U/ES
- Safeguard plus



RECOMMENDED SYSTEMS WITH

Jotamastic | 85



ISO 12944-6

- **C5-H.** Systems for industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity, with expected durability of 15 to 25 years
- **C4-H.** Systems for industrial areas and coastal areas with moderate salinity, with expected durability of 15 to 25 years
- **C3-H.** Systems for urban and industrial areas with moderate sulfur dioxide pollution; coastal areas with low salinity, with expected durability of 15 to 25 years



PSPC

- **PSPC-WBT.** Systems for safeguarding the structural integrity of vessels in critical water ballast tank areas, with expected system life of 15 years



SYSTEM FOR LONGER AESTHETIC DURABILITY

ISO 12944-6

C5-H AESTHETIC DURABILITY

System	DFT	Jotamastic 85	Hardtop AX
Jotamastic 85 Hardtop AX	250 50	<ul style="list-style-type: none">• A robust and efficient multi-purpose anticorrosion performance• Excellent A/C properties – even when applied on medium flash rust	<ul style="list-style-type: none">• Long lasting color and gloss / aesthetics• Superior colour and gloss retention
Total	300	System for longer aesthetic durability Tested by third party for ISO 12944 C5-H	



SYSTEM FOR LONGER AESTHETIC DURABILITY

ISO 12944-6

C4-H AESTHETIC DURABILITY

System	DFT	Jotamastic 85	Hardtop AX
Jotamastic 85 Hardtop AX	190 50	<ul style="list-style-type: none"> A robust and efficient multi-purpose anticorrosion performance Excellent A/C properties – even when applied on medium flash rust 	<ul style="list-style-type: none"> Long lasting color and gloss / aesthetics Superior colour and gloss retention
Total	240	System for longer aesthetic durability Tested by third party for ISO 12944 C4-H	



SYSTEM FOR EFFICIENT APPLICATION

ISO 12944-6

C5-H APPLICATION EFFICIENCY

System	DFT	Jotamastic 85	Hardtop XP
Jotamastic 85 Hardtop XP	250 50	<ul style="list-style-type: none"> Efficient and time-reducing application with short overcoating intervals and drying time <ul style="list-style-type: none"> Overcoating 10°C: 8 hours Overcoating 23°C: 4 hours Overcoating 40°C: 2 hours Wide range of application methods <ul style="list-style-type: none"> Airless spray Brush Roller 	<ul style="list-style-type: none"> Versatile and flexible in all conditions Smooth glossy finish with low dry spray
Total	300	Fast drying combination of primer and topcoat Tested by third party for ISO 12944 C5-H	



SYSTEM FOR EFFICIENT APPLICATION

ISO 12944-6

C4-H APPLICATION EFFICIENCY

System	DFT	Jotamastic 85	Hardtop XP
Jotamastic 85 Hardtop XP	190 50	<ul style="list-style-type: none"> Efficient and time-reducing application with short overcoating intervals and drying time <ul style="list-style-type: none"> Overcoating 10°C: 8 hours Overcoating 23°C: 4 hours Overcoating 40°C: 2 hours Wide range of application methods <ul style="list-style-type: none"> Airless spray Brush Roller 	<ul style="list-style-type: none"> Versatile and flexible in all conditions Smooth glossy finish with low dry spray
Total	240	Fast drying combination of primer and topcoat Tested by third party for ISO 12944 C4-H	



SYSTEM FOR EFFICIENT APPLICATION

ISO 12944-6

C3-H APPLICATION EFFICIENCY

System	DFT	Jotamastic 85	Hardtop XP
Jotamastic 85 Hardtop XP	130 50	<ul style="list-style-type: none"> Efficient and time-reducing application with short overcoating intervals and drying time <ul style="list-style-type: none"> Overcoating 10°C: 8 hours Overcoating 23°C: 4 hours Overcoating 40°C: 2 hours Wide range of application methods <ul style="list-style-type: none"> Airless spray Brush Roller 	<ul style="list-style-type: none"> Versatile and flexible in all conditions Smooth glossy finish with low dry spray
Total	180	Fast drying combination of primer and topcoat Tested by third party for ISO 12944 C3-H	



SYSTEM FOR BASIC TECHNICAL REQUIREMENTS

ISO 12944-6

C5-H BASIC SYSTEM

System	DFT	Jotamastic 85	Futura Classic
Jotamastic 85 Futura Classic	250 50	<ul style="list-style-type: none"> Multipurpose surface tolerant primer for a wide range of temperatures with application <ul style="list-style-type: none"> From - 5 C Up to + 40 C Short overcoating intervals and drying time <ul style="list-style-type: none"> Overcoating 5C: 12h Overcoating 23C: 4h Overcoating 40C: 2h 	<ul style="list-style-type: none"> Budget friendly and predictable finish Glossy finish with adequate corrosion protection
Total	300	System meeting the basic technical requirements Tested by third party for ISO 12944 C5-H	



SYSTEM FOR BASIC TECHNICAL REQUIREMENTS

ISO 12944-6

C4-H BASIC SYSTEM

System	DFT	Jotamastic 85	Futura Classic
Jotamastic 85 Futura Classic	190 50	<ul style="list-style-type: none"> Multipurpose surface tolerant primer for a wide range of temperatures with application <ul style="list-style-type: none"> From - 5 C Up to + 40 C Short overcoating intervals and drying time <ul style="list-style-type: none"> Overcoating 5C: 12h Overcoating 23C: 4h Overcoating 40C: 2h 	<ul style="list-style-type: none"> Budget friendly and predictable finish Glossy finish with adequate corrosion protection
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SYSTEM FOR BASIC TECHNICAL REQUIREMENTS

ISO 12944-6

C3-H BASIC SYSTEM

System	DFT	Jotamastic 85	Futura Classic
Jotamastic 85 Futura Classic	130 50	<ul style="list-style-type: none"> Multipurpose surface tolerant primer for a wide range of temperatures with application <ul style="list-style-type: none"> From - 5 C Up to + 40 C Short overcoating intervals and drying time <ul style="list-style-type: none"> Overcoating 5C: 12h Overcoating 23C: 4h Overcoating 40C: 2h 	<ul style="list-style-type: none"> Budget friendly and predictable finish Glossy finish with adequate corrosion protection
Total	180	System meeting the basic technical requirements Tested by third party for ISO 12944 C3-H	



CERTIFICATE PSPC WBT - PROVING DURABILITY

System	DFT	Jotamastic 85
Jotamastic 85	160	<ul style="list-style-type: none"> • Providing surface tolerance • Adhesion in very tough conditions • Excellent wetting properties • No corrosion through the coating • Proving durability • Tested and certified for PSPC WBT
Jotamastic 85	160	
Total	320	



Certificate no.:
TAK00002AN

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Protective Coating Systems - Seawater Ballast Tanks

with type designation(s)
Jotamastic 85

issued to
Jotun A/S
SANDEFJORD, Norway

is found to comply with
DNV class programme DNV-CP-0108 – Type approval – Protective coating systems for seawater ballast tanks and double-side skin spaces
IMO Resolution MSC.215(82) Performance Standard for Protective Coatings (PSPC)





Jotun Protects Property