



Chongqing JERI Marine Equipment Co.,Ltd.

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E-mail: info@jeri-marine.com

<http://www.jeri-marine.com>

Modified Epoxy Bilge Anticorrosive Primers(Aluminum Powder) (Use for boat)

Characteristics: excellent brine resistance property、 permeation and corrosion resistance property、 abrasion resistance、 film firm、 perfect adhesion and thick coating property while construction.

Uses: Mainly use for newly-built boat or antirust of under waterline part of old boat, as a use of primers.

Technical target

Mixing ratio: Host crystal/Firming agent=8/1(by weight)

Standard film thickness: Dry: 100μm/coat

Academic spreading rate: 0.21kg/ m²/100μm

Solid contents: 78%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	14	10	8
Min. interval (hrs)	36	24	14	10	8

Substrate treatment: Remove rust、 oxide skin by abrasive blasting, reached ISO Sa2.5 grade

Matching:

Applicable substrate: Unpainted steel

Applicable upper coatings: Modified epoxy bilge anticorrosive primers (Iron red), Ethylene linking paint



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High-Build Modified Epoxy Anticorrosive Primers (IronRed)

Characteristics: Excellent seawater resistance and osmosis、corrosion resistance, high built property while construction, paint film firmed, heavy oil、crude oil、aliphatic solvent etc. chemical substanceresistance.

Uses: Mainly use for unpainted steel surface, as a use of primers.

Technical target:

Mixing ratio: Host crystal/Firming agent=8/1 (by weight)

Standard film thickness: Dry: 100μm/coat

Academic spreading rate: 0.22kg/ m²/100μm

Solid contents: 74.2%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	14	10	8
Min. interval (hrs)	36	24	14	10	8

Substrate treatment: Remove rust and oxide skin by abrasive blasting, reached ISO Sa 2.5 grade.

Matching:

Applicable substrate: Unpainted steel

Applicable upper coatings: Compatible with most kinds of intermediate paints、finishes



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High-build Epoxy Zinc Phosphate Anticorrosive Primers(Gray、 Iron Red)

Characteristics: High build constructive property, excellent seawater resistance, osmosis and corrosion resistance, paint film firm, abrasion resistance, heavy oil、 crude oil、 aliphatic solvent etc. chemical substance resistance property.

Technical target:

Mixing ratio: Host crystal/Firming agent=8/1(by weight)

Standard film thickness: Dry: 50 μ m/coat

Academic spreading rate: 0.13 kg/ m²/50 μ m

Solid contents: 72%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	14	10	8
Min. interval (hrs)	36	24	14	10	8

Substrate treatment: Remove rust and oxide skin by abrasive blasting, reached ISO Sa2.5 grade

Matching:

Applicable substrate: Unpainted steel

Applicable upper coatings: Compatible with most kinds of intermediate paints、 finishes



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High-build Epoxy Rusty Antirust Primers (Pale Brown)

Characteristics: Due to this paint add Germany Rusty AntirustSolvent, it can react with substrate rusty layer and formed passiveobject, so it has excellent protection property of rusty steel substrate.Excellent physical mechanical property、 surface suitability、 adhesion、 anticorrosion property, water resistance, dry quickly in low temperature, it can still firmed under -10°C.

Uses: Mainly use for steel facility maintenance, also use for largesteel structure、 steel facility、 equipment、 pipeline anticorrosion, as a use of primers.

Technical target:

Mixing ratio: Host crystal/Firming agent=8/1(by weight)

Standard film thickness: Dry: 50µm/coat

Academic spreading rate: 0.12kg/ m²/50µm

Solid contents: 71.3%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	14	10	8
Min. interval (hrs)	36	24	14	10	8

Substrate treatment: Remove the loose scale by manual or electric tools, The hair rust is allowed, but the thickness should be below 10 microns

Matching:

Applicable substrate: Unpainted steel

Applicable upper coatings: Compatible with most kinds of intermediate paints、 finishes



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Modified Epoxy Bilge Anticorrosive Primers (Iron Red)(Acquired the certification of Classification Society CCS)

Characteristics: thick coating heavy anticorrosive paint, excellent brine resistance property、 permeation and corrosion resistance property, good adhesion and compatibility, film firm, abrasion resistance.

Uses: Mainly use for newly-built boat or antirust of under waterline part of old boat maintenance, as a use of primers.

Technical target:

Mixing ratio: Host crystal/Firming agent=8/1(by weight)

Standard film thickness: Dry: 100μm/coat

Academic spreading rate: 0.21kg/ m²/100μm

Solid contents: 78%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	14	10	8
Min. interval (hrs)	36	24	14	10	8

Substrate treatment: Remove rust、 oxide skin by abrasive blasting, reached ISO Sa2.5 grade or primers clean、 dry、 no feculence

Matching:

Applicable substrate: Unpainted steel or substrate sprayed modified epoxy bilge anticorrosive primers

Applicable upper coatings: Ethylene linking paint



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High-build Epoxy Glass Flake Anticorrosive Primers

Characteristics: Excellent resistance of acid、alkali、oil、seawater、abrasion, good mechanicalness and adhesion, it can prevent hydrosphere or chemical gas invasion, traditional high pressure airless spray is suitable.

Uses: use for hull underwater part and ballast tank, crude oil tank etc. part anticorrosion, also use for steel structure facilities、bridges、offshore platform in waste oil、waste water environment and concrete structure for long and heavy anticorrosion.

Technical target:

Mixing ratio: Host crystal/Firming agent=8/1(by weight)

Standard film thickness: Dry: 100μm/coat

Academic spreading rate: 0.23kg/ m²/100μm

Solid contents: 78%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	14	10	8
Min. interval (hrs)	36	24	14	10	8

Substrate treatment: Remove rust and oxide skin by abrasive blasting, reached ISO Sa2.5 grade

Matching:

Applicable substrate: Unpainted steel or on the substrate which after it sprayed by epoxy anticorrosive primers

Applicable upper coatings: Compatible with epoxy、polyurethane etc. finish