



Chongqing JERI Marine Equipment Co.,Ltd.

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E-mail: info@jeri-marine.com

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

Epoxy Mica Iron Intermediate Paint(Acquired the certification of Classification Society CCS)

Characteristics: excellent shielding property、alkali、water and brine resistance property, film tenacious and firm, abrasion resistance, good compatibility with many paints.

Uses: mainly use for steel which sprayed zinc powder primers, excellent compatibility with zinc powder primers、polyurethane finish.

Technical target:

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

Standard film thickness: Dry: 50 μ m/coat

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

Solid contents: 77%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	3	2	1.5	1.2	1
Dry semi-hard (hrs)	36	24	16	11	9
Min. interval (hrs)	36	24	16	11	9

Substrate treatment: Primer surface should be clean and dry, no feculence

Matching:

Applicable under coatings: Zinc powder primers, Epoxy primers

Applicable upper coatings: Different kinds of finishes



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Epoxy Linking Paint(use for bridge and shipping boat)

Characteristics: excellent flexibility、 shielding, low water permeability, dry property in low temperature, it can still be firmed under -10°C , perfect adhesion with nonferrous metal.

Uses: Mainly use for transitional coupling of bilge antifouling paint,also can use for nonferrous metal surface, as a use of transitional primers.

Technical target:

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

Standard film thickness: Dry: $40\mu\text{m}/\text{coat}$

Academic spreading rate: $0.12\text{kg}/\text{m}^2/40\mu\text{m}$

Solid contents: 67%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature $^{\circ}\text{C}$	-10	0	10	20	30
Dry to touch (hrs)	4	2.5	2	1.5	1
Dry semi-hard (hrs)	36	24	18	12	10
Min. interval (hrs)	36	24	18	12	10

Substrate treatment: Unpainted steel surface must abrasive blasting and remove rust, reached ISO Sa2.5 grade, aluminum material、 zinc material surface should be clean、 dry、 no feculence and remove zinc salt, primers surface must dry、 no feculence

Matching:

Applicable substrate: unpainted steel、 zinc material、 aluminum material or sprayed kinds of zinc powder paints and surface of bilge anticorrosive paint

Applicable upper coatings: kinds of polyurethane、 epoxy or bilge antifouling paint、 chlorination rubber paint etc.



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Epoxy Shop Primer (Iron red)

Characteristics: Excellent water resistance, anticorrosive property, anticorrosion resistance, dry quickly, good adhesion, attack and abrasion resistance property etc., perfect adhesion with steel after abrasive blasting.

Uses: Mainly use for shipping boats, steel structure surface pretreatment, as a use of temporary protection primer.

Technical target:

Mixing ratio: Host crystal/Firming agent=6/1 (by weight)

Standard film thickness: Dry: 25 μ m/coat

Academic spreading rate: 0.09kg m²/25 μ m

Solid contents: 69.1%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature °C	-10	0	10	20	30
Dry to touch (hrs)	60	45	20	10	5
Dry semi-hard (hrs)	18	10	6	5	3
Min. interval (hrs)	18	12	9	6	5

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

Matching: Applicable substrate: Unpainted steel



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Modified Epoxy Nonferrous Metal Primers

Characteristics: Excellent adhesion with zinc material、 aluminum material、 stainless steel etc. nonferrous metal.

Uses: Mainly use for zincification material、 aluminum material、 copper material etc. nonferrous metal substrate, as a use of linking paints.

Technical target:

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

Standard film thickness: Dry: 30 μ m/coat

Academic spreading rate: 0.09kg/ m²/30 μ m

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 surface oil stain、 dust and zinc salt of the zinc material etc. nonferrous metal.

Matching:

Applicable substrate: Zinc material、 aluminum material、 stainless steel etc. nonferrous metal.

Applicable upper coatings: Compatible with all intermediate paints、 finishes