



Chongqing JERI Marine Equipment Co.,Ltd.

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Heat Insulation Primers(use for different kinds of air storage tank ektexine)

Characteristics: excellent antirust property 、 excellent adhesion force 、 paint film firm 、 abrasion resistance.

Uses: mainly use for steel material 、 air storage tank ektexine 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: 0.12 kg/ 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 rust and oxide skin by abrasive blasting, reached ISO Sa2.5 grade

Matching :

Applicable substrate: Unpainted steel

Applicable upper coatings: Heat insulation intermediate paint



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Heat Insulation Intermediate Paint(use for different kinds of air storage tank ectexine)

Characteristics: excellent heat insulation property, especially in summer high temperature, inside temperature of the coated object is lower than environment temperature in 8-10°C, paint film firm.

Uses: mainly use for steel material、 air storage tank ectexine anticorrosion, as a use of primers.

Technical target:

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

Standard film thickness: Dry: 100µm/coat

Academic spreading rate: 0.22kg/ m²/100µm

Solid contents: 63%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature (°C)	-10	0	10	20	30
Dry to touch (hrs)	4	2.7	2.2	1.7	1.2
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: Heat Insulation Primers

Applicable upper coatings: Heat Insulation Finish



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Heat Insulation Finish(use for different kinds of air storage tank ectexine)

Characteristics: paint film firm、abrasion resistance、good reflection effects to sun heat emission、good construction property、good color and gloss retention.

Uses: special infrared ray reflection paint, mainly use for steel material、air storage tank ectexine anticorrosion, as a use of finish.

Technical target:

Mixing ratio: Host crystal/Firming agent=7/1(by weight)

Standard film thickness: Dry: 30μm/coat

Academic spreading rate: 0.10kg/ m²/30μm

Solid contents: 63%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature (°C)	5	10	20	30
Dry to touch (hrs)	4	2	1.5	1
Dry semi-hard (hrs)	36	24	12	8
Min. interval (hrs)	36	24	12	8

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

Matching :

Applicable under coatings: Heat Insulation Intermediate Paint



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Heat Reflection Finish(White) (use for different kinds of air storage tank ectexine)

Characteristics: remarkable lower surface temperature, good reflection impact on sun heat emission、 good color、 gloss retention、 good construction property, paint film firm, resistance of abrasion.

Uses: special infrared ray reflection paint, applicable for roof、 storage tank、 special container etc., effectively reduce inner temperature.

Technical target:

Mixing ratio: Host crystal/Firming agent= 7/1(by weight)

Standard film thickness: Dry: 30μm/coat

Academic spreading rate: 0.10kg/ m²/30μm

Solid contents: 50%

Humidity requirement: below 85%

Drying time & Coating interval

Temperature (°C)	5	10	20	30
Dry to touch (hrs)	4	3	2	1
Dry semi-hard (hrs)	24	16	14	8
Min. interval (hrs)	26	18	16	10

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

Matching :

Applicable under coatings: Compatible with several kinds of primers and intermediate paints