



TEST REPORT

15, Jongga-ro, Jung-gu, Ulsan, 44412, Korea

TEL 82-52-220-3000

FAX 82-52-220-3001

Report No : TAK-2023-173389

Receipt Date : 2023.12.14.

Representative : Mong-Jin, Chung/ Jae-Hun Jung

Test Completion Date : 2024.01.22.

Company name : KCC CORPORATION.

Address : 30, Bangeojinsunhwando-ro, Dong-gu, Ulsan, Republic of Korea

Sample name : Paint(EH2350)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Condition in Container(Base)	-	-	No Defects	KS F 4921 : 2016
Condition in Container(Base)	-	-	No Defects	KS F 4921 : 2016
Compatibility	-	-	No Defects	KS F 4921 : 2016
Working Property	-	-	No Defects	KS F 4921 : 2016
Dry-Through Time((20 ± 1) °C)	h	-	8	KS F 4921 : 2016
Nonvolatile content((105 ± 2) °C, 60 min)	%	-	90.7	KS F 4921 : 2016
[Paint film]Appearance	-	-	No Defects	KS F 4921 : 2016
[Paint film]Adhesion strength(standard state)	N/mm ²	-	2.61	KS F 4921 : 2016
[Paint film]Adhesion strength(absorbing state)	N/mm ²	-	2.33	KS F 4921 : 2016
[Paint film]Impact Resistance	-	-	No Defects	KS F 4921 : 2016
[Paint film]Water permeability	-	-	No Defects	KS F 4921 : 2016
[Paint film]Low and high temperature repeated test-visual	-	-	No Defects	KS F 4921 : 2016
(Elution) Turbidity	degree	-	Not Detected	KS F 4921 : 2016
(Elution) Color	degree	-	Not Detected	KS F 4921 : 2016
(Elution) Consumption of KMnO ₄	mg/L	-	Not Detected	KS F 4921 : 2016

- Next Page -

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Chang Jaejun

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2024.01.22

Korea Testing & Research Institute

President



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Page : 1 of 3

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(Elution) Decreased Quantity of Total Residual Chlorine	mg/L	-	0.05	KS F 4921 : 2016
(Elution) Odor	-	-	No Defect	KS F 4921 : 2016
(Elution) Taste	-	-	No Defect	KS F 4921 : 2016
(Elution) CN	mg/L	-	Not Detected	KS F 4921 : 2016
(Elution) Phenols	mg/L	-	Not Detected	KS F 4921 : 2016
(Elution) Epichlorohidrin	mg/L	-	Not Detected	KS F 4921 : 2016
TVOC emission	mg/m ² · h	-	0.083	KS I ISO 16000-9 : 2006

** Mixing Ratio(Weight)⇒ Base : Hardener = 100 : 14.2

* Emission Test Condition

1. Test period : 7 days

2. Load factor : 0.4 m² / m³

3. Sample : Paint (Applied area: 63 mm x 63 mm x 2 ea, 0.449 g applied)

4. MDL : TVOC - 0.020 mg/m² · h

- Usage of Report : QUALITY CONTROL

- Next Page -

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- Note :
- The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
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