



TEST REPORT

68, Gajaeul-ro, Seo-gu, Incheon, 22829, Korea

TEL 82-31-499-5390

FAX 82-31-499-6867

Report No : TAK-2019-192983

Receipt Date : 2019.11.11.

Representative : Jin Myeong ho, Kim Yong Kee

Test Completion Date : 2020.02.04.

Company name : NOROO Paint & Coatings Co., Ltd.

Address : (Bakdal-dong)351, Bakdal-ro, Manan-gu, Anyang-si, Gyeonggi-do, Korea

Sample name : CLEANPOXY Antiacid Coating

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Consistency(Base)	K,U	-	136	KS M 5000 : 2014
Specific Gravity(Base)	-	-	1.36	KS M ISO 2811-1 : 2016
Nonvolatile Content(Paint, (105 ± 2) °C, 3 h)	%	-	78.5	KS M ISO 3251 : 2011
Fineness of Grind(Base)	μm	-	20	KS M ISO 1524 : 2013
Appearance for Dried Film	-	-	No Defects	KS M 5000 : 2014
Drying Time(Dry-Hard)	h	-	4	KS M 5000 : 2014
Specular Gloss(60°)	GU	-	105	KS M ISO 2813 : 2014
Condition in Container(Base)	-	-	No Defects	KS M 5000 : 2014
Drying time(Set-To-Touch)	h	-	1	KS M 5000 : 2014
Pot Life	h	-	2	KS M 6030 : 2014
Adhesive Strength(*)	N/mm ²	-	2.8	KS F 4937 : 2009

- Mixing ratio = Base : Hardener = 2.5 : 1 (by mass)

(*) Test specimen : By the cleint.

- Usage of Report : QUALITY CONTROL

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2020.02.04

Korea Testing & Research Institute

President *Kwon Oh-jung*



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- Note :
1. 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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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-31-499-5390

FAX 82-31-499-6867

Report No : TAK-2019-192986

Receipt Date : 2019.11.11.

Representative : Jin Myeong ho, Kim Yong Kee

Test Completion Date : 2020.02.03.

Company name : NOROO Paint & Coatings Co., Ltd.

Address : (Bakdal-dong)351, Bakdal-ro, Manan-gu, Anyang-si, Gyeonggi-do, Korea

Sample name : CLEANPOXY Antiacid Coating

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Resistance to Liquids(70 % Sulfuric Acid, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(30 % Nitric Acid, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(30 % Hydrochloric Acid, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(22 % Hydrogen Peroxide, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(70 % Phosphoric Acid, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(20 % Acetic Acid, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(Saturated Sodium Hydroxide, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(Saturated Calcium Hydroxide, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)
Resistance to Liquids(Engine Oil, (23 ± 2) °C, 168 h)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Application)

* Check for swelling, cracking, peeling

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Park Tae Joon

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