



TEST REPORT

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

TEL 82-31-499-5390

FAX 82-31-499-6867

Report No : TAK-2023-003451

Receipt Date : 2023.01.05.

Representative : Jin Myeong ho, Kim Yong Kee

Test Completion Date : 2023.02.06.

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

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

Sample name : ECO-CRETE

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Resistance to Liquids(Chemical Resistance(30 % Acetic Acid, (0 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(30 % Acetic Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(30 % Citric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(35 % Formaldehyde, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(30 % Formic Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(Saturated Boric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(35 % Hydrochloric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(5 % Nitric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(30 % Nitric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)

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Park Tae Joon

Prepared by Park Tae Joon

Tel : 02-2092-3710

Nam Woojong

Reviewed by Nam Woojong

Tel : 1577-0091(ARS ①→④)

2023.02.06

Korea Testing & Research Institute

President



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Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Resistance to Liquids(Chemical Resistance(50 % Phosphoric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(10 % Sulfuric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(20 % Sulfuric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(50 % Sulfuric Acid, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(25 % Ammonia, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(99.5 % Methanol, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(99.5 % MEK, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Chemical Resistance(50 % Potassium Hydroxide, (20 ± 2) °C, 168 h))(*)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)

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TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Resistance to Liquids(Cheical Resistance(50 % Sodium Hydroxide, (20 ± 2) °C, 168 h))(*)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(99.5 % Acetone, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(99.5 % Benzene, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(99 % Cyclohexane, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(Kerosene, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(5 % Phenol, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(99.5 % Toluene, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(99 % Xylene, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)

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TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Resistance to Liquids(Cheical Resistance(Saturated Calcium Hydroxide, (20 ± 2) °C, 168 h))(*)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(Diesel, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(96 % Ethanol, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(Aviation Lubricant, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(Milk, (20 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(5 % Kitchen Detergent, (20 ± 2) °C, 168 h))(*)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(50 % Sodium Hydroxide, (60 ± 2) °C, 168 h))(*)(*)	-	-	No Defects	KS M ISO 2812-1 : 2007(Method A)(Application)
Resistance to Liquids(Cheical Resistance(Distilled Water, (98 ± 2) °C, 168 h))(*)(**)	-	-	No Defects	KS M ISO 2812-2 : 2018(Application)

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Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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* This is the result of testing with the test piece provided by the client

** Appearance(Provided by client) : Check for swelling, cracking

- Usage of Report : QUALITY CONTROL

- 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.
 2. This test report shall be used only within the purpose of its defined usage and shall not be used for public relation, advertisement and lawsuit.
 3. This test report is only valid when printed on KTR original report paper with hologram and when re-issued by KTR. The copy and the electronic file of the test report are only for reference.

Park Tae Joon

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Nam Woojong

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