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LABORATORY REPORT

Kadisco Paint & Adhesive Industry S.C

Dubai, UAE

Report No: WD-R-231021-0712

Sample No: WD-S-231021-0690
Date of Report: 11/11/2023Introduction: Further to the request received from M/S. Kadisco Paint & Adhesive Industry S.C dated 23rd September 2023; the sample of Paint was tested for below parameters.

Sample Type : Paint Request No : WD-Q-231021-0131

Sample Received Date : 23/10/2023. Date Tested : 23/10/2023-11/11/2023.

Tested By

General Information

Name of the Product Kaditex

Result of Analysis

Test	Method	Unit	Result
voc	USEPA 24	g/L	
Alkylphenol ethoxylates (APEOs)	ASTM D4252-89	ppm	
Formaldehyde content	ASTM D6191	ppm	
Heavy Metals			
Arsenic (As)	ICP-AES/IHP	ppm	
Lead (Pb)		ppm	<0.05
Cadmium (Cd)		ppm	<0.01
Mercury (Hg)		ppm	
Antimony (Sb)		ppm	
Phthalates			
Butyl benzyl phthalate	GC-FID/IHP	ppm	
Di (2-ethylhexyl) phthalate		ppm	
Di-n-butylphthalate		ppm	
Di-n-octylphthalate		ppm	
Diethylphthalate		ppm	
Dimethylphthalate		ppm	

Remarks: None

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Arya
Arya Rajeev
Chemist

Signed for and on behalf of
Wimpey Laboratories LLC

Test results relate only to the samples tested.
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Testing Laboratory

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TL-564

TEST REPORT ON SOLIDS BY WEIGHT

Client	Kadisco Paint and Adhesive Industry S.C P.O Box: 120919 Ethiopia		
Project Name	N.G	Lab Report No.	WD-R-231023-0646/1
Sample Description	Kadisco Wall Primer + Kaditex(contextra)	Lab Request No.	WD-Q-231023-0163
Source	N.G	Sample No.	WD-S-231023-0615
Test Method	ASTM D2369-20	Date Received	23/10/2023
Type of Air oven used	Hot Air oven	Date Tested	28/10/2023
Room Temperature	230C	Date Reported	14/11/2023
Relative Humidity		Cast Date	28/10/2023
Drying Type	1 hour flash dry at 105C ⁰	Sample brought in by	Client
Wimpey Lab Ref No.	23102331	Tested By	

Test Results

Specimen Number	Unit	Result
1		85.32
2		84.88

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Average	85.00
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Remarks: None.

Signed for and on behalf of Wimpey Laborator

S. Sarath Kumar
Head of Department

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the laboratory.

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Testing TL-564Laboratory

TEST REPORT ON PULL-OFF ADHESION STRENGTH

Customer Name	Kadisco Paint and Adhesive Industry S.C P.O Box: 120919 Ethio ia		
Project Name		Lab Report No.	WD-R-231023-0646/2
Sample Description	Kadisco Wail Primer + Kaditex Contextra - Heav	Lab Request No.	WD-Q-231023-0163
Source	Kadisco Paint and Adhesive Industry s.c	Sample No.	WD-S-231023-0615
Test Method	ASTM D4541-22	Wimpey Ref No.	23102331
Machine Details	Manufacturer: Elcometer Model: 510-50T Serial Number: WA 22213	Date Received	04/11/2023
Location	In-House	Date Tested	28/10/2023

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Test Temperature & Relative Humidity	23°C & 50%	Date Reported	14/11/2023
Substrate Used	Concrete	Cast Date	28/10/2023
Adhesive Used	Two Component Epoxy	Curing Condition	7 days at 23°C
Tested By			

Test Procedure

The general pull-off test is performed by securing a loading fixture (dolly, stud) normal (perpendicular) to the surface of the coating with an adhesive. After the adhesive is cured, a testing apparatus is attached to the loading fixture and aligned to apply tension normal to the test surface. The force applied to the loading fixture is then gradually increased and monitored until either a plug of material is detached, or a specified value is reached. When a plug of material is detached the exposed surface represents the plane of limiting strength within the system. The nature of the failure is qualified in accordance with the percent of adhesive and cohesive failures, and the actual interfaces and layers involved.

The pull-off strength is computed based on the maximum indicated load

Description	RESULTS		
Test Number	1	2	3
Test Position	Vertical	Vertical	Vertical
Size of Dolly (mm)	20	20	20
Max. Load Applied (N)	527.5	552.6	540.1
Pull off Strength (N/mm ²)	1.68	1.76	1.72
Average Pull off Strength (N/mm ²)	1.72		
Mode of Failure	100% Failure observed from Concrete		

Remarks: None

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Wimpey Lab

Kumar ad f Department

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TEST REPORT

Kadisco Paint & Adhesive Industry S.C.
Al,Quoz,Dubai
UAE

Report No: WD-R-231021-0726
Sample No: WD-S-231021-0709
Report Date: 23/11/2023

Sample Description : Kaditex Contextra
Batch Number : N/A
Manufacture date : N/A
Sample Received : 21/10/2023.
Test Date : 21/10/2023 to 23/11/2023.
Test Conducted By : DI

1.0 Introduction:

Further to the requisition received from M/S Kadisco Paint & Adhesive Industry S.C. dated 21st October 2023, the sample of Kaditex contextra was tested.

2.0 Test method reference:

ASTM G22-23; Standard Practice for the determining Resistance of Plastics to Bacteria.

3.0 Methodology:

The test method describes a series of tests which includes,

1. Selection of suitable specimens for determinations of pertinent properties.
2. Inoculation of the specimens with suitable organisms.
3. Exposure of the inoculated specimens under conditions favorable to growth.
4. Examination and rating for visual growth.
5. Removal, sterilization, and evaluation of specimens.

A medium with bacterial suspension (*Pseudomonas aeruginosa* ATCC 27853) is poured on sterile nutrient agar plates, the specimens to be tested are places over this hardened agar.

The plates are incubated at 35°C to 37°C and not less than 85% relative humidity for 21 days.
The result of growth was estimated by the presence and the absence of observed growth.

4.0 Test Results

Test Duration	Observation	Result
Week # 1	No growth observed	PASS
Week # 2	No growth observed	
Week # 3	No growth observed	

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Report No: WD-R-231021-0726

5.0 Conclusion

No physical change in the tested specimen was observed. Further not much visual growth was evident from the sample tested, suggesting that the analyzed sample is resistant to bacterial growth under the test conditions recommended.

Signed for and on behalf of Wimpey Laboratories

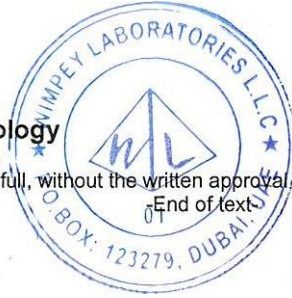

Shamna Salamuddin

Head of the Department - Microbiology

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