



TEST REPORT

- 1. NO : CT23-020313E
- 2. Client
 - Name : ALCODAEA CO.,LTD
 - Address : 276, Daecheong-ro, Sanseong-myeon, Eumseong-gun, Chungcheongbuk-do, Republic of Korea
- 3. Date of Test : 2023.02.22 ~ 2023.03.10
- 4. Use of Report : Quality Control
- 5. Test Sample : ALUMINIUM EMBO PANEL(4T)
- 6. Test Method
 - (1) KS M ISO 15184:2012
 - (2) KS F 4737:2019
 - (3) KS D 8303:2009

7. Test Results

1) ALUMINIUM EMBO PANEL(4T)

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Pencil hardness	-	(1)	4H		A
Stain resistance - crayon(red)	grade	(2)	5		
Stain resistance - crayon(red)	grade	(2)	5		
Stain resistance - crayon(red)	grade	(2)	5		
Cross-cut test	-	(3)	No peeling of the coating (100/100)		

※ Location

A : 85, Dambang-ro, Namdong-gu, Incheon, Korea

----- End of Report -----

Affirmation	Tested By	Technical Manager
	Name : Kim Eung Gu	

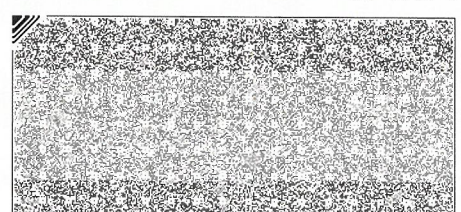
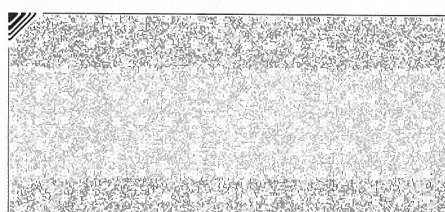
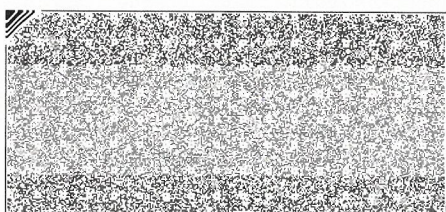
This report is not accredited by KOLAS and KS Q ISO/IEC 17025.
 Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

2023.03.10

Korea Conformity Laboratories

President Jo, Yung Tae

Result Inquiry : 40, Yeongudangi-ro, Ohchang-Eup, Cheongwon-Gu, Cheongju-si, Chungbuk, Korea (82-43-718-9054)





TEST REPORT

- 1. NO : CT23-020316E
- 2. Client
 - Name : ALCODAEA CO.,LTD
 - Address : 276, Daechong-ro, Sanseong-myeon, Eumseong-gun, Chungcheongbuk-do, Republic of Korea
- 3. Date of Test : 2023.02.22 ~ 2023.03.16
- 4. Use of Report : Quality Control
- 5. Test Sample : ALUMINIUM EMBO PANEL(4T)
- 6. Test Method
 - (1) KS F 4737:2019

7. Test Results

1) ALUMINIUM EMBO PANEL(4T)

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Peeling and Adhesive Load	N/25 mm	(1)	85.9	(23 ± 2) °C, (50 ± 5) % R.H.	A

※ Location

A : 628, Sorae-ro, Namdong-gu, Incheon, 21594, Korea

----- End of Report -----

Affirmation	Tested By	Technical Manager
	Name : Kim Eung Gu	

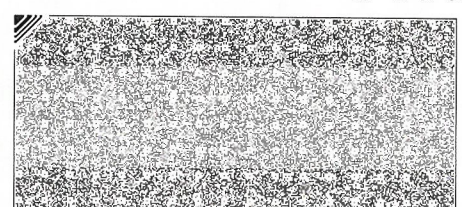
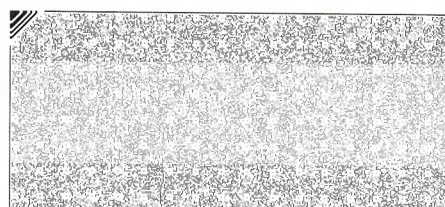
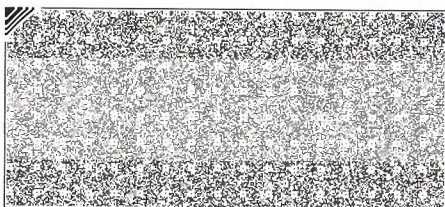
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2023.03.16

Korea Conformity Laboratories

President Jo, Yung Tae

Result Inquiry : 40, Yeongudangi-ro, Ohchang-Eup, Cheongwon-Gu, Cheongju-si, Chungbuk, Korea (82-43-718-9054)



TEST REPORT

APPLICANT : ALCODAEA CO.,LTD

REPORT NO. : M255-23-00562

SAMPLE RECEIVED DATE : 2023-02-27

REPORT ISSUED DATE : 2023-03-13

PAGE : 1 OF 2

SAMPLE DESCRIPTION : One(1) sample

SAMPLE NAME SUBMITTED BY THE APPLICANT : ALUMINIUM EMBO PANEL (4T)

TEST CONDUCTED : As requested by the applicant, for details please see attached page(s).

PREPARED AND CHECKED BY
FOR FITI



SEONG-KEUN JANG
QUALITY MANAGER

AUTHORIZED BY
FOR FITI



HWA-YOUNG KIM
PRESIDENT

※ Report Verification No.: 42Z6-HT61-PMIK ※

(You can see the authenticity of your test report through the above "Report Verification No." at FITI homepage.)

REPORT NO. : M255-23-00562

PAGE : 2 OF 2

01. TENSILE STRENGTH (KS F 4737 : 2019) : MPa

	#1
	60.8

02. ELONGATION (KS F 4737 : 2019) : %

	#1
	9.4

**** End of The Report ****

- SAMPLE PHOTO -



TEST REPORT

APPLICANT : ALCODAEA CO.,LTD

REPORT NO. : M255-23-00562-01

SAMPLE RECEIVED DATE : 2023-02-27

REPORT ISSUED DATE : 2023-03-13

PAGE : 1 OF 2

SAMPLE DESCRIPTION : One(1) sample

SAMPLE NAME SUBMITTED BY THE APPLICANT : ALUMINIUM EMBO PANEL (4T)

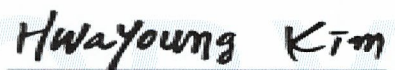
TEST CONDUCTED : As requested by the applicant, for details please see attached page(s).

PREPARED AND CHECKED BY
FOR FITI



SEONG-KEUN JANG
QUALITY MANAGER

AUTHORIZED BY
FOR FITI



HWA-YOUNG KIM
PRESIDENT

※ Report Verification No.: PE8W-TMEE-ZIVI ※

(You can see the authenticity of your test report through the above "Report Verification No." at FITI homepage.)

01. BEND TEST (KS F 4737 : 2019) : MPa

	#1
	97.1

** End of The Report **

- SAMPLE PHOTO -

