

TR34 (4th edition) Free Movement Floor Tolerance Report

Allen Face Europe TR34 Analysis, ©Allen Face Europe, www.allenface-europe.com

1. Project Name:
Project Location:

인천 도화 물류센터
-
인천시
HEB

2. Concrete Floor Installer:

3. Testing Organization:

ALLEN FACE KOREA

5. Floor Tolerance Requirements:

4. Slab ID:
Date of Pouring:
Date of Testing:
Test Apparatus:
Testing Technician:
Test Area:

지상4층 1공구 #11
#REF!
2024-03-12
D-Meter® Manufactured by Allen Face&Company, Serial Number: 448
최동현 (ALLEN FACE KOREA)
123 m² (for test area organization see attached drawing)

TR34 FREE MOVEMENT FLOOR TOLERANCES			TR34 4th Edition Convert into FF/FL number 값			
Floor Classification	Property F (mm)	Property E (mm)	4th Edition		95%	
	95% limit	95% limit	등급	Property F mm(±)	Property E mm(±)	F number
FM1	1.8	4.5	FM1	1.8	4.5	42.9
FM2	2.0	6.5	FM2	2.0	6.5	38.6
FM3	2.2	8.0	FM3	2.2	8.0	35.1
FM4	2.4	10.0	FM4	2.4	10.0	32.2
Any point on the Property E survey grid is outside the ±15mm of datum						

6. Analysis:

TR34 FREE MOVEMENT RESULTS																			
Run #:		1	2	3	4														All Runs:
Run Length (m):		9.60	9.60	9.60	9.60														38.40
FM1	Property F (95%)	YES	NO	NO	YES														NO
	% Defective	0.00%	13.33%	13.33%	0.00%														6.67%
	Property E (95%)	YES	NO	NO	NO														NO
	% Defective	0.00%	50.00%	45.45%	36.36%														32.95%
FM2	Property F (95%)	YES	NO	NO	YES														YES
	% Defective	0.00%	10.00%	10.00%	0.00%														5.00%
	Property E (95%)	YES	NO	NO	NO														NO
	% Defective	0.00%	45.45%	18.18%	27.27%														22.73%
FM3	Property F (95%)	YES	NO	NO	YES														YES
	% Defective	0.00%	10.00%	6.67%	0.00%														4.17%
	Property E (95%)	YES	NO	NO	NO														NO
	% Defective	0.00%	40.91%	9.09%	9.09%														14.77%
FM4	Property F (95%)	YES	NO	YES	YES														YES
	% Defective	0.00%	6.67%	3.33%	0.00%														2.50%
	Property E (95%)	YES	NO	YES	YES														YES
	% Defective	0.00%	18.18%	0.00%	0.00%														4.55%

7. Summary: The analysed D-Meter® Runs satisfy the FM4 floor tolerance requirements.

최동현 (ALLEN FACE KOREA)

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ALLEN FACE KOREA
5. Floor Tolerance Requirements:

TR34 FREE MOVEMENT FLOOR TOLERANCES		
Floor Classification	Property F (mm)	Property E (mm)
	100% limit	100% limit
FM1	4.0	15.0
FM2	4.5	15.0
FM3	5.5	15.0
FM4	7.5	15.0
4.

Slab ID:

Date of Pouring:

Date of Testing:

Test Apparatus:

Testing Technician:

Test Area:

지상4층 1공구 #11

#REF!

2024-03-12

D-Meter® Manufactured by Allen Face&Company, Serial Number: 448

최동현 (ALLEN FACE KOREA)

123 m² (for test area organization see attached drawing)

Any point on the Property E survey grid is outside the ±15mm of datum

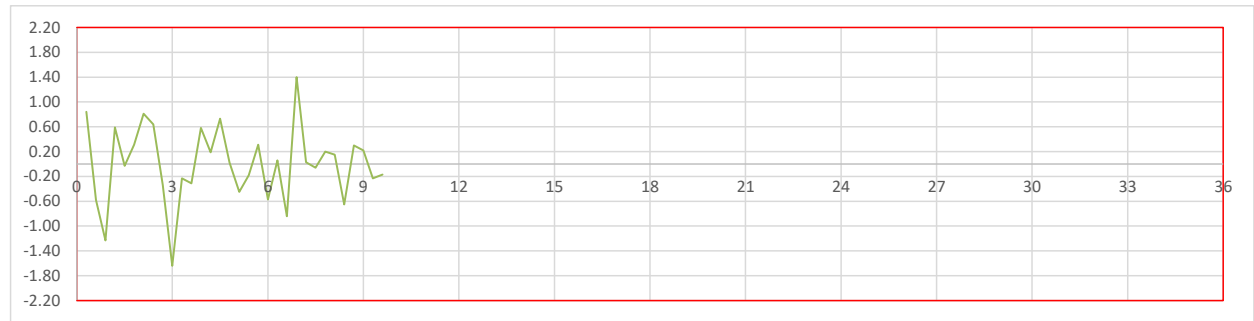
6. Analysis:

TR34 FREE MOVEMENT RESULTS																			
Run #:		1	2	3	4														All Runs:
Run Length (m):		9.60	9.60	9.60	9.60														38.40
FM1	Property F (100%)	YES	NO	YES	YES														NO
	% Defective	0.00%	3.33%	0.00%	0.00%														0.83%
	Property E (100%)	YES	YES	YES	YES														YES
	% Defective	0.00%	0.00%	0.00%	0.00%														0.00%
FM2	Property F (100%)	YES	NO	YES	YES														NO
	% Defective	0.00%	3.33%	0.00%	0.00%														0.83%
	Property E (100%)	YES	YES	YES	YES														YES
	% Defective	0.00%	0.00%	0.00%	0.00%														0.00%
FM3	Property F (100%)	YES	YES	YES	YES														YES
	% Defective	0.00%	0.00%	0.00%	0.00%														0.00%
	Property E (100%)	YES	YES	YES	YES														YES
	% Defective	0.00%	0.00%	0.00%	0.00%														0.00%
FM4	Property F (100%)	YES	YES	YES	YES														YES
	% Defective	0.00%	0.00%	0.00%	0.00%														0.00%
	Property E (100%)	YES	YES	YES	YES														YES
	% Defective	0.00%	0.00%	0.00%	0.00%														0.00%

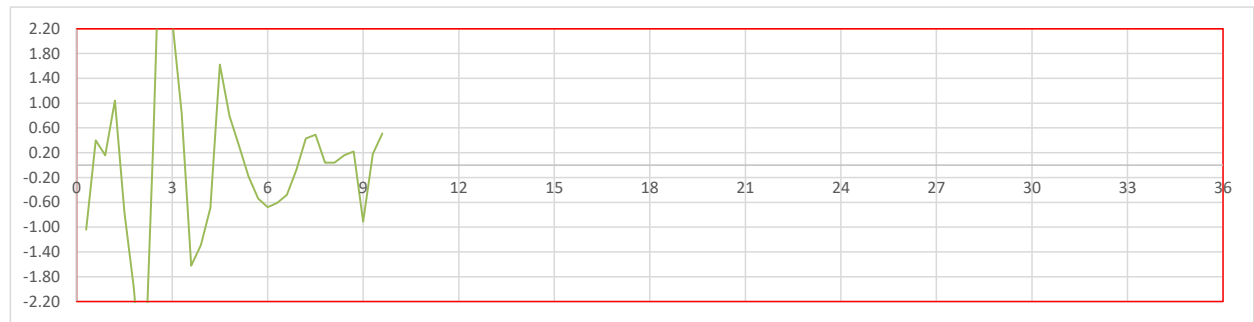
7. Summary:
- The analysed D-Meter® Runs satisfy the
- FM3
- floor tolerance requirements.

최동현 (ALLEN FACE KOREA)

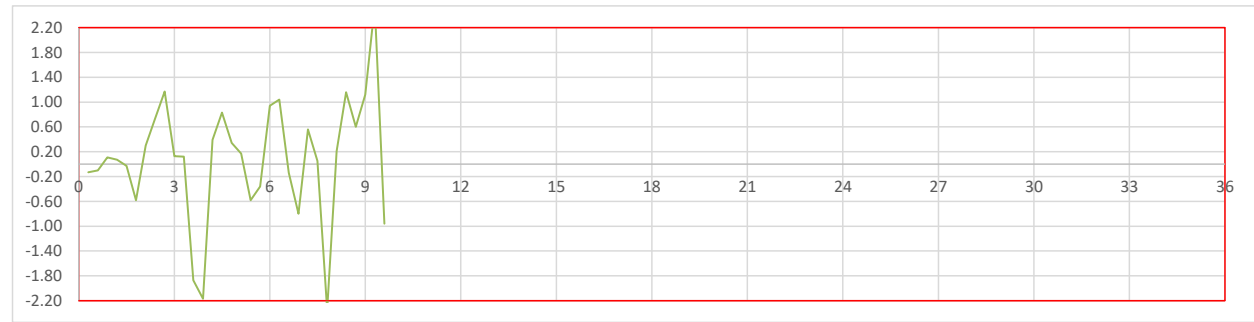
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Property F



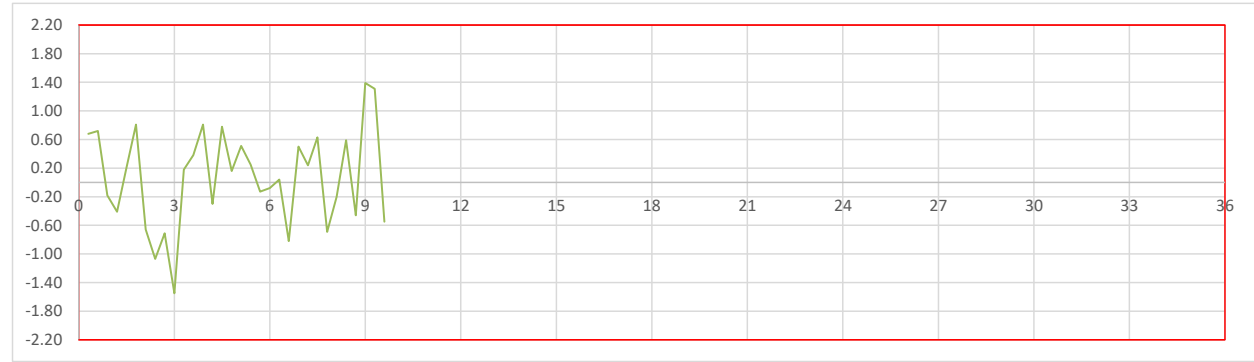
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Property F



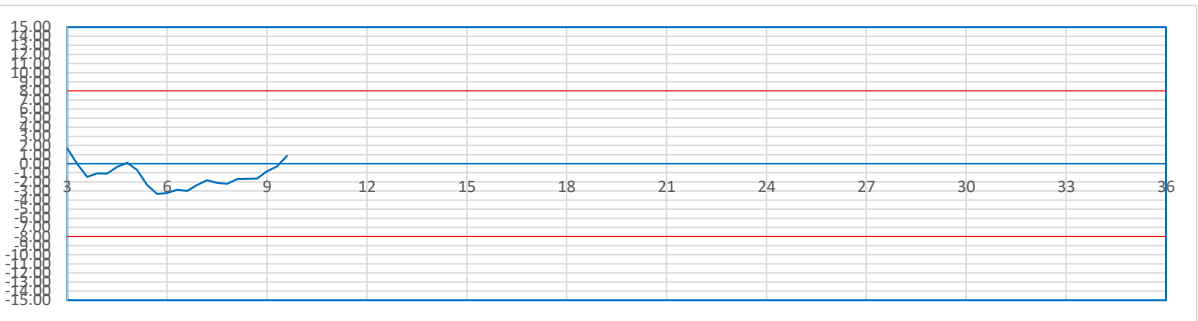
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Property F



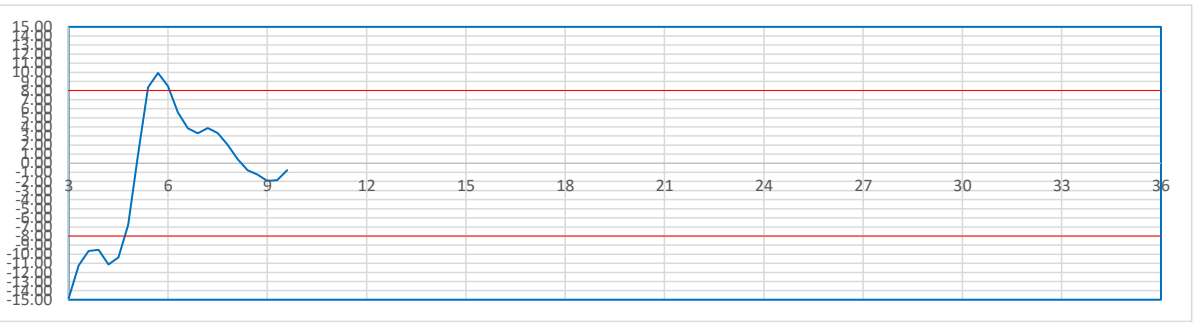
Run #: 4
Property F



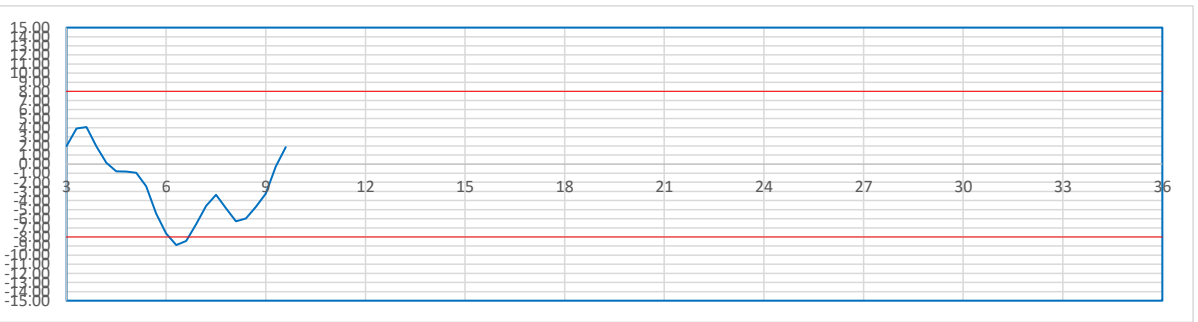
Property E



Property E



Property E



Property E

