

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:

ALLEN FACE KOREA
3. Testing Organization:
5. Floor Tolerance Requirements:
4.

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

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

TR34 FREE MOVEMENT FLOOR TOLERANCES		
Floor Classification	Property F (mm)	Property E (mm)
	95% limit	95% limit
FM1	1.8	4.5
FM2	2.0	6.5
FM3	2.2	8.0
FM4	2.4	10.0

TR34 4th Edition Convert into FF/FL number 값				
4th Edition	95%		F number	
등급	Property F mm(±)	Property E mm(±)	FF	FL
FM1	1.8	4.5	42.9	46.6
FM2	2.0	6.5	38.6	32.3
FM3	2.2	8.0	35.1	26.2
FM4	2.4	10.0	32.2	21.0
Any point on the Property E survey grid is outside the ±15mm of datum				

6. Analysis:

TR34 FREE MOVEMENT RESULTS

Run #:		5	6	7	8															All Runs:
Run Length (m):		13.80	13.80	13.80	13.80															55.20
FM1	Property F (95%)	NO	YES	NO	YES															NO
	% Defective	6.82%	0.00%	11.36%	4.55%															5.68%
	Property E (95%)	NO	NO	NO	YES															NO
	% Defective	11.11%	5.56%	72.22%	0.00%															22.22%
FM2	Property F (95%)	YES	YES	YES	YES															YES
	% Defective	4.55%	0.00%	4.55%	2.27%															2.84%
	Property E (95%)	YES	YES	NO	YES															NO
	% Defective	0.00%	0.00%	38.89%	0.00%															9.72%
FM3	Property F (95%)	YES	YES	YES	YES															YES
	% Defective	0.00%	0.00%	2.27%	2.27%															1.14%
	Property E (95%)	YES	YES	NO	YES															NO
	% Defective	0.00%	0.00%	22.22%	0.00%															5.56%
FM4	Property F (95%)	YES	YES	YES	YES															YES
	% Defective	0.00%	0.00%	2.27%	2.27%															1.14%
	Property E (95%)	YES	YES	NO	YES															YES
	% Defective	0.00%	0.00%	11.11%	0.00%															2.78%

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

최동현 (ALLEN FACE KOREA)

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3. Testing Organization:

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 #12

#REF!

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363 m² (for test area organization see attached drawing)

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

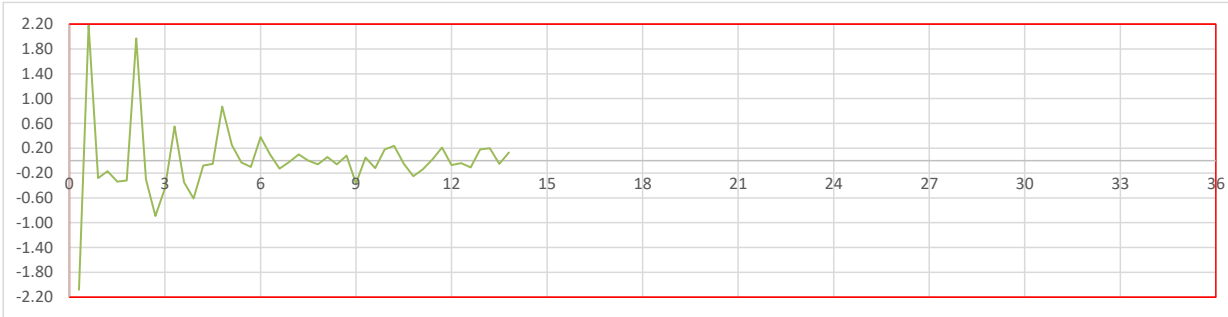
6. Analysis:

TR34 FREE MOVEMENT RESULTS																			
Run #:		5	6	7	8														All Runs:
Run Length (m):		13.80	13.80	13.80	13.80														55.20
FM1	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%
FM2	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%
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%

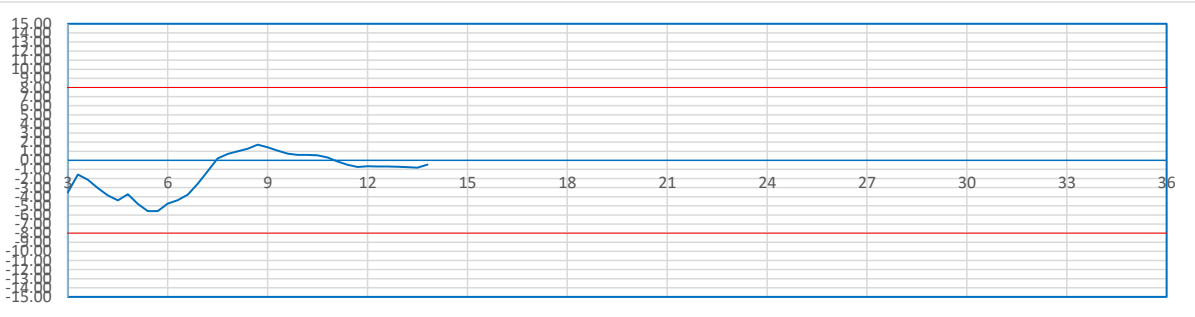
7. Summary:
- The analysed D-Meter® Runs satisfy the
- FM1
- floor tolerance requirements.

최동현 (ALLEN FACE KOREA)

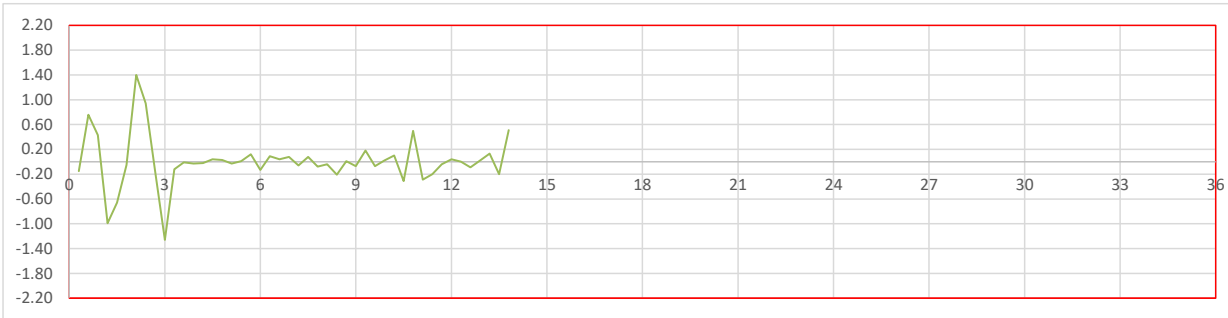
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Property F



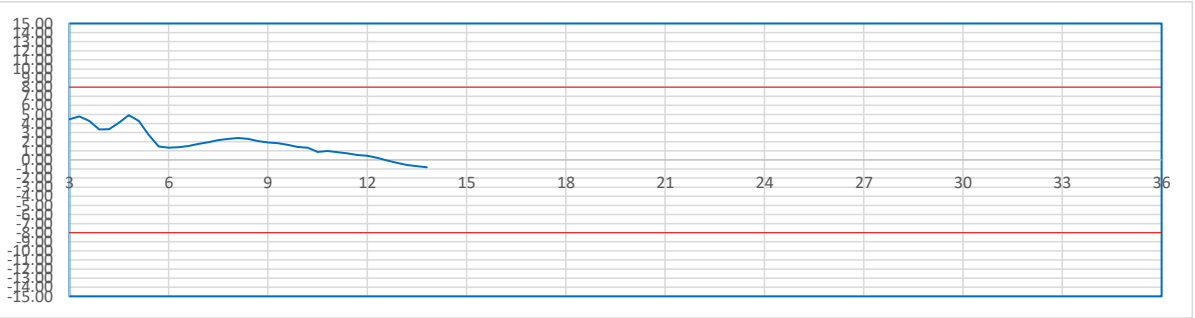
Property E



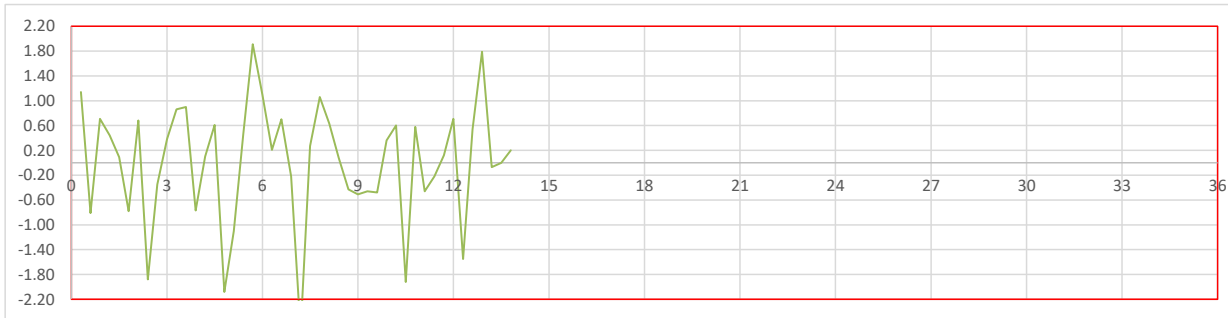
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Property F



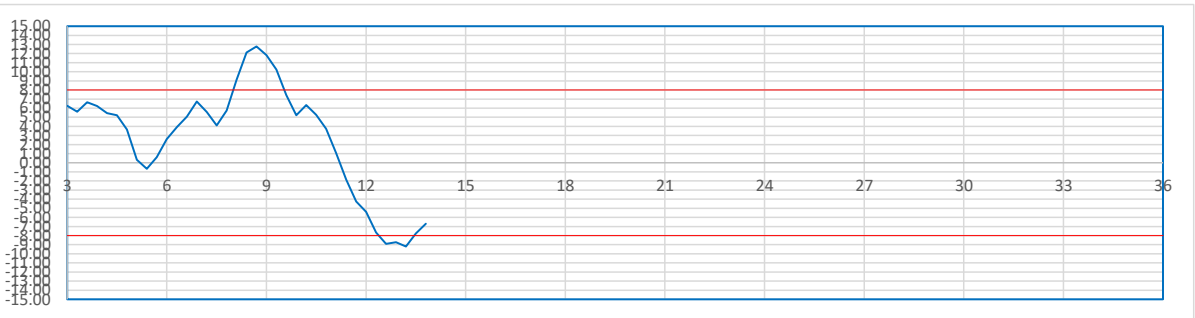
Property E



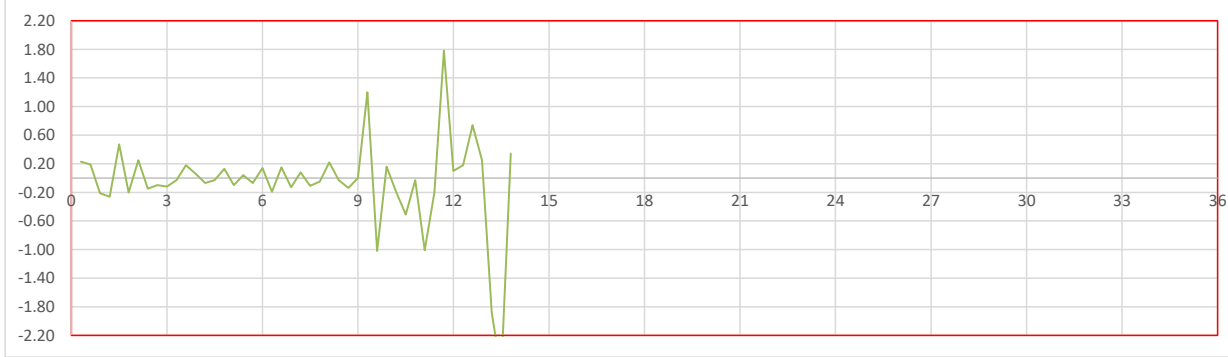
Run #: 7
Property F



Property E



Run #: 8
Property F



Property E

