## TR34 (4th edition) Free Movement Floor Tolerance Report

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1. Project Name:	인천 도화 물류센터	4.	Slab ID:	지상4층 1공구 #12
Project Location:	-		Date of Pouring:	#REF!
-	인천시		Date of Testing:	2024-03-12

5. Floor Tolerance Requirements:

Property F (95%)

% Defective

Property E (95%)

% Defective

FM4

YES

0.00%

YES

0.00%

YES

0.00%

YES

0.00%

YES

2.27%

NO

11.11%

YES

2.27%

YES

인선시 HEB 2. Concrete Floor Installer: **Test Apparatus:** D-Meter® Manufactured by Allen Face&Company, Serial Number: 448 최동현 (ALLEN FACE KOREA) **Testing Technician:** 

3. Testing Organization: 363 m<sup>2</sup> (for test area organization see attached drawing) ALLEN FACE KOREA Test Area:

TR34 FRFF N	MOVEMENT FLOOR	TOLERANCES	TR34 4th Edition Convert into FF/FL number 값								
			4th Edition	4th Edition 95%							
Floor Classification	Property F (mm)	Property E (mm)		Property F	Property E						
11001 Classification	95% limit	95% limit	등급	mm(±)	mm(±)	FF					
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					
ENA	2.4	10.0	FN/4	2.4	10.0	32.2					

					_											
			FI	M4	2	.4	10.0	)	FM4		2.4	10.0	32.	.2	21	.0
Analysis:							L		An	y poin	t on the Property	E survey grid is	outside the	±15mm o	f datum	
								TD3/	FREE MOVEMEN	T RESILIT						
								111.5-1	TIREE INIOVENIEN	I KLJOLI						
Run #:		5	6	7	8											All Runs:
Run Length (m):		13.80	13.80	13.80	13.80											55.20
	Property F (95%)	NO	YES	NO	YES											NO
FM1	% Defective	6.82%	0.00%	11.36%	4.55%										<b>!</b>	5.68%
FIVII	Property E (95%)	NO	NO	NO	YES											NO
	% Defective	11.11%	5.56%	72.22%	0.00%											22.22%
	Property F (95%)	YES	YES	YES	YES											YES
FM2	% Defective	4.55%	0.00%	4.55%	2.27%										ľ	2.84%
FIVIZ	Property E (95%)	YES	YES	NO	YES											NO
	% Defective	0.00%	0.00%	38.89%	0.00%										1	9.72%
	Property F (95%)	YES	YES	YES	YES											YES
5142	% Defective	0.00%	0.00%	2.27%	2.27%											1.14%
FM3	Property E (95%)	YES	YES	NO	YES											NO
					:											

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

최동현 (ALLEN FACE KOREA)

F number

FL 46.6

32.3

26.2

YES

1.14%

YES 2.78%

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1.	Project Name:	인천 도화 물류센터	4.	Slab ID:	지상4층 1공구 #12
	Project Location:	-		Date of Pouring:	#REF!
	-	01+111		D . (T .: "	2024 02 42

인천시
2. Concrete Floor Installer: HEB

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

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

Date of Pouring: #REF!

Date of Testing: 2024-03-12

Test Apparatus: D-Meter® Manufactured by Allen Face&Company, Serial Number: 448 Testing Technician: 최동현 (ALLEN FACE KOREA)

**Test Area:** 363 m<sup>2</sup> (for test area organization see attached drawing)

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

Ana

	TR34 FREE MOVEMENT RESULTS															
Run #:		5	6	7	8											All Runs
Run Length (m):		13.80	13.80	13.80	13.80						!					55.20
	Property F (100%)	YES	YES	YES	YES											YES
FM1	% Defective	0.00%	0.00%	0.00%	0.00%											0.00%
FIVI	Property E (100%)	YES	YES	YES	YES											YES
	% Defective	0.00%	0.00%	0.00%	0.00%											0.00%
	Property F (100%)	YES	YES	YES	YES											YES
FM2	% Defective	0.00%	0.00%	0.00%	0.00%											0.00%
FIVIZ	Property E (100%)	YES	YES	YES	YES											YES
	% Defective	0.00%	0.00%	0.00%	0.00%											0.00%
	Property F (100%)	YES	YES	YES	YES											YES
F1.40	% Defective	0.00%	0.00%	0.00%	0.00%											0.00%
FM3	Property E (100%)	YES	YES	YES	YES							 	<b></b>			YES
	% Defective	0.00%	0.00%	0.00%	0.00%											0.00%
	Property F (100%)	YES	YES	YES	YES											YES
5344	% Defective	0.00%	0.00%	0.00%	0.00%								:			0.00%
FM4	Property E (100%)	YES	YES	YES	YES						† !		T		 	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)

