

TR34 (3rd edition) Free Movement Floor Tolerance Report

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

1. Project Name:
Project Location:

방초리
안성시 일죽 방초리 221
인천광역시
일도티씨에스㈜
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:

지상1층 #3
#REF!
2024-03-06
D-Meter® Manufactured by Allen Face&Company, Serial Number: 098
TAEHYUN LEE (ALLEN FACE KOREA)
89 m² (for test area organization see attached drawing)

| TR34 (3rd Edition) FREE MOVEMENT FLOOR TOLERANCES ±값 | | | | | TR34 3rd Edition convert into FF/FL ±값 | | | | | | | | |
|--|------------------|------------------|------------------|------------------|--|-------------|----------|-------------|----------|------|------|------|------|
| Floor Classification | Property II (mm) | Property IV (mm) | Property II (mm) | Property IV (mm) | 등급 | Property II | | Property IV | | OAFF | OAFL | MLFF | MLFL |
| | 95% limit | 95% limit | 100% limit | 100% limit | | 95%(mm) | 100%(mm) | 95%(mm) | 100%(mm) | | | | |
| FM1 | 2.5 | 4.5 | 4.0 | 7.0 | FM1 | 2.5 | 4.0 | 4.5 | 7.0 | 31 | 47 | 18.6 | 28.2 |
| FM2(special) | 3.0 | 6.5 | 4.5 | 10.0 | FM2 Special | 3.0 | 4.5 | 6.5 | 10.0 | 26 | 32 | 15.6 | 19.2 |
| FM2 | 3.5 | 8.0 | 5.5 | 12.0 | FM2 | 3.5 | 5.5 | 8.0 | 12.0 | 22 | 26 | 13.2 | 15.6 |
| FM3 | 5.0 | 10.0 | 7.5 | 15.0 | FM3 | 5.0 | 7.5 | 10.0 | 15.0 | 15 | 21 | 9 | 12.6 |

6. Analysis:

| TR34 3rd Edition FREE MOVEMENT RESULTS | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------|--------|--------|--------|-------|-------|--|--|--|--|--|--|--|--|--|--|-----------|
| Run #: | | 13 | 14 | 15 | 16 | 17 | 18 | | | | | | | | | | | All Runs: |
| Run Length (m): | | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | | | | | | | | | | | 34.20 |
| FM1 | Property II (95%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | 0.00% |
| | Property IV (95%) | NO | NO | NO | NO | YES | YES | | | | | | | | | | | NO |
| FM2(Special) | % Defective | 44.44% | 55.56% | 22.22% | 11.11% | 0.00% | 0.00% | | | | | | | | | | | 22.22% |
| | Property II (95%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | 0.00% |
| FM2 | Property IV (95%) | YES | NO | YES | YES | YES | YES | | | | | | | | | | | YES |
| | % Defective | 0.00% | 22.22% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | 3.70% |
| | Property II (95%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | YES |
| FM3 | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | 0.00% |
| | Property IV (95%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | 0.00% |

7. Summary: The analysed D-Meter® Runs satisfy **FM2(Special)** the floor tolerance requirements.

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일도티씨에스㈜
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3. Testing Organization:
5. Floor Tolerance Requirements:

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지상1층 #3
#REF!
2024-03-06
D-Meter® Manufactured by Allen Face&Company, Serial Number: 098
TAEHYUN LEE (ALLEN FACE KOREA)
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| TR34 (3rd Edition) FREE MOVEMENT FLOOR TOLERANCES ±값 | | | | | TR34 3rd Edition convert into FF/FL ±값 | | | | | | | | |
|--|------------------|------------------|------------------|------------------|--|-------------|----------|-------------|----------|------|------|------|------|
| Floor Classification | Property II (mm) | Property IV (mm) | Property II (mm) | Property IV (mm) | 등급 | Property II | | Property IV | | OAFF | OAFL | MLFF | MLFL |
| | 95% limit | 95% limit | 100% limit | 100% limit | | 95%(mm) | 100%(mm) | 95%(mm) | 100%(mm) | | | | |
| FM1 | 2.5 | 4.5 | 4.0 | 7.0 | FM1 | 2.5 | 4.0 | 4.5 | 7.0 | 31 | 47 | 18.6 | 28.2 |
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| FM3 | 5.0 | 10.0 | 7.5 | 15.0 | FM3 | 5.0 | 7.5 | 10.0 | 15.0 | 15 | 21 | 9 | 12.6 |

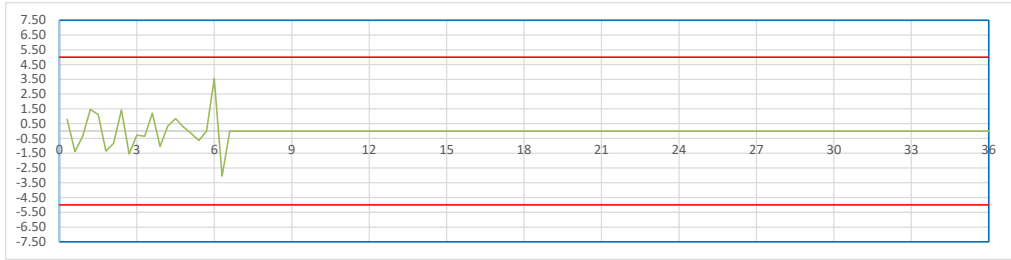
6. Analysis:

| TR34 3rd Edition FREE MOVEMENT RESULTS | | | | | | | | | | | | | | | | | | | |
|--|--------------------|-------|--------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Run #: | | 13 | 14 | 15 | 16 | 17 | 18 | | | | | | | | | | | | All Runs: |
| Run Length (m): | | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | | | | | | | | | | | | 34.20 |
| FM1 | Property II (100%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | 0.00% |
| | Property IV (100%) | YES | NO | YES | YES | YES | YES | | | | | | | | | | | | NO |
| FM2(Special) | % Defective | 0.00% | 22.22% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | 3.70% |
| | Property II (100%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | 0.00% |
| FM2 | Property IV (100%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | 0.00% |
| | Property II (100%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | | YES |
| FM3 | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | 0.00% |
| | Property IV (100%) | YES | YES | YES | YES | YES | YES | | | | | | | | | | | | YES |
| | % Defective | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | 0.00% |

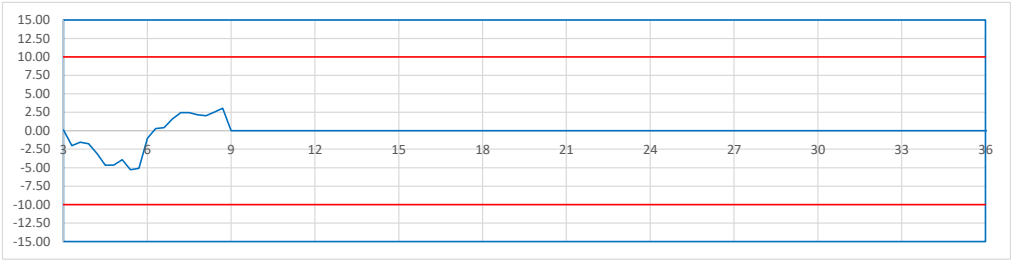
7. Summary: The analysed D-Meter® Runs satisfy **FM2(Special)** the floor tolerance requirements.

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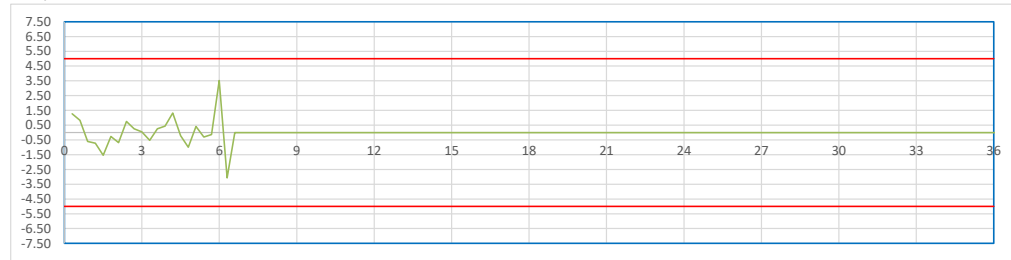
Run #: 13
Property II



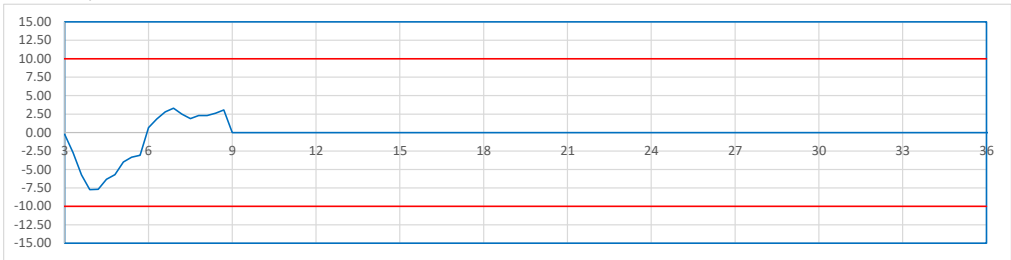
Property IV



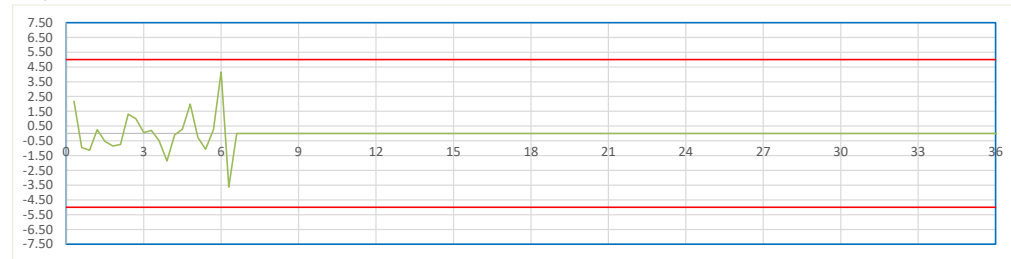
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Property II



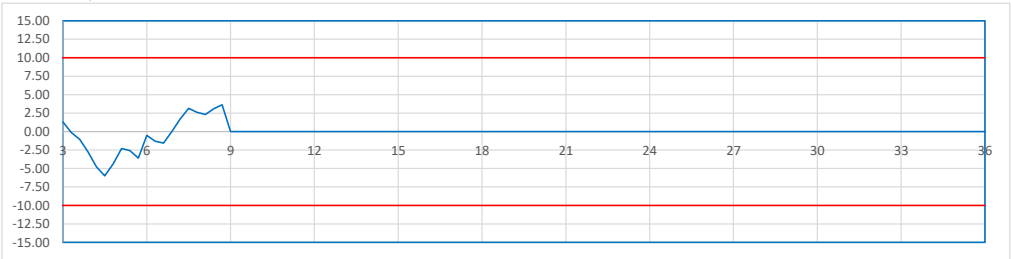
Property IV



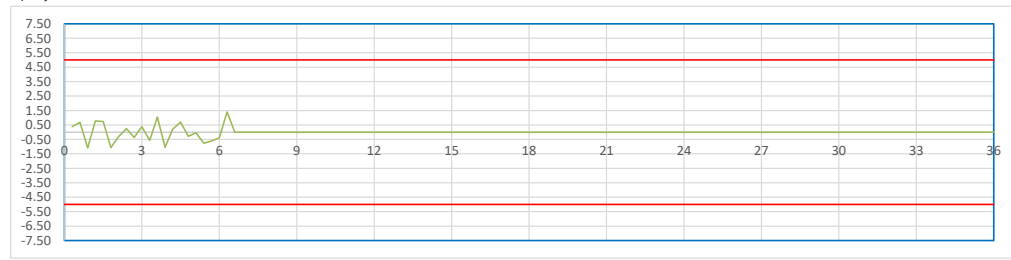
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Property II



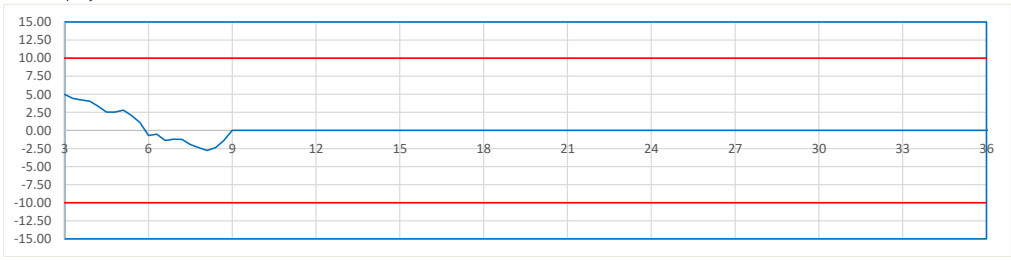
Property IV



Run #: 16
Property II

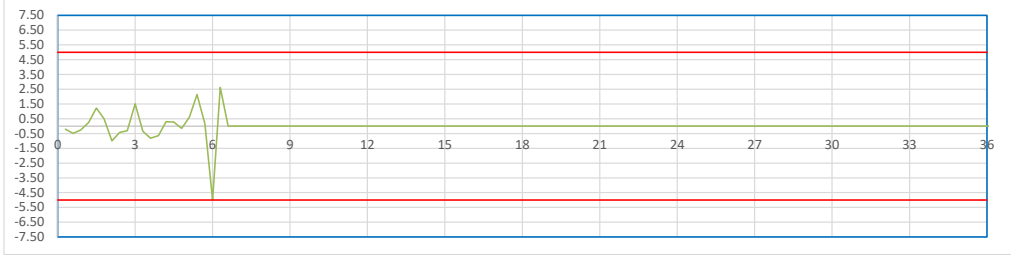


Property IV

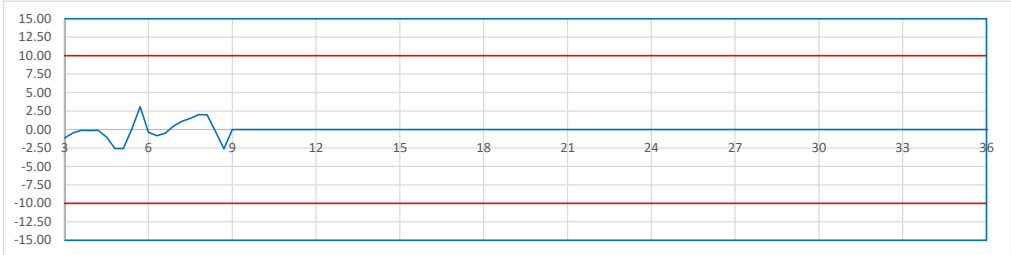


Run #: 17

Property II

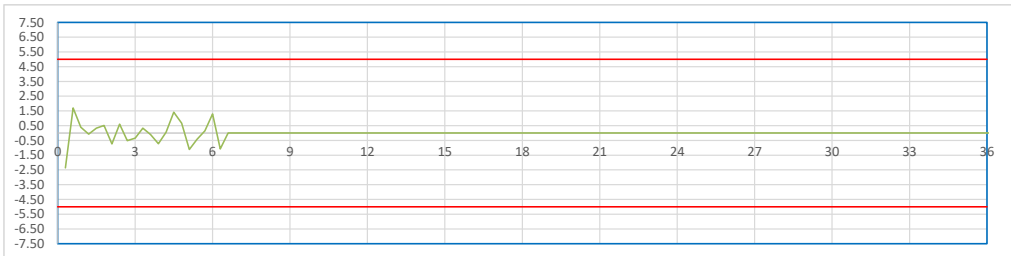


Property IV



Run #: 18

Property II



Property IV

