

**ALMA MATER STUDIORUM – UNIVERSITÀ DI BOLOGNA**

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**SCUOLA DI INGEGNERIA E ARCHITETTURA**

DICAM – Dipartimento di Ingegneria Civile, Ambientale e dei Materiali

Corso di Laurea Magistrale in Ingegneria Civile

TESI DI LAUREA MAGISTRALE

**PROVE SU TAVOLA VIBRANTE DI UN SILO METALLICO A  
FONDO PIANO: ANALISI DELLA RISPOSTA SISMICA  
MEDIANTE MISURAZIONI OTTICHE**

**APPENDICE A – Parte 5**

CANDIDATO

Caterina Neri

RELATORE

Chiar.mo Prof. Ing. Stefano Silvestri

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Sessione I



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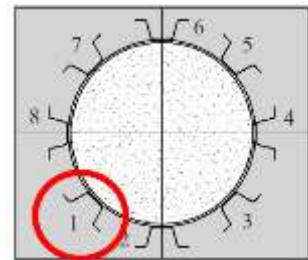
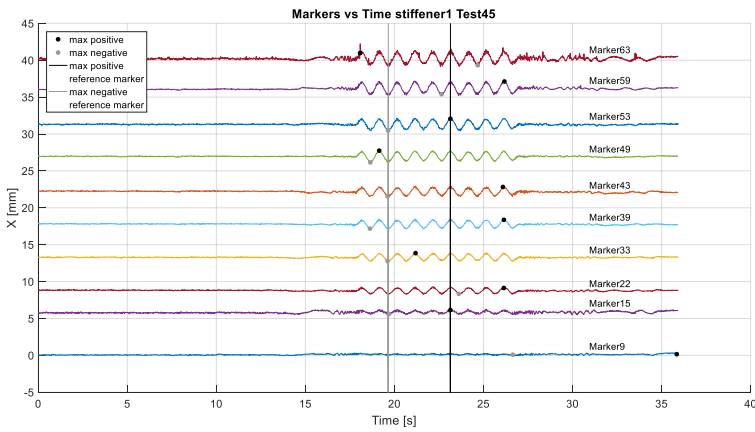
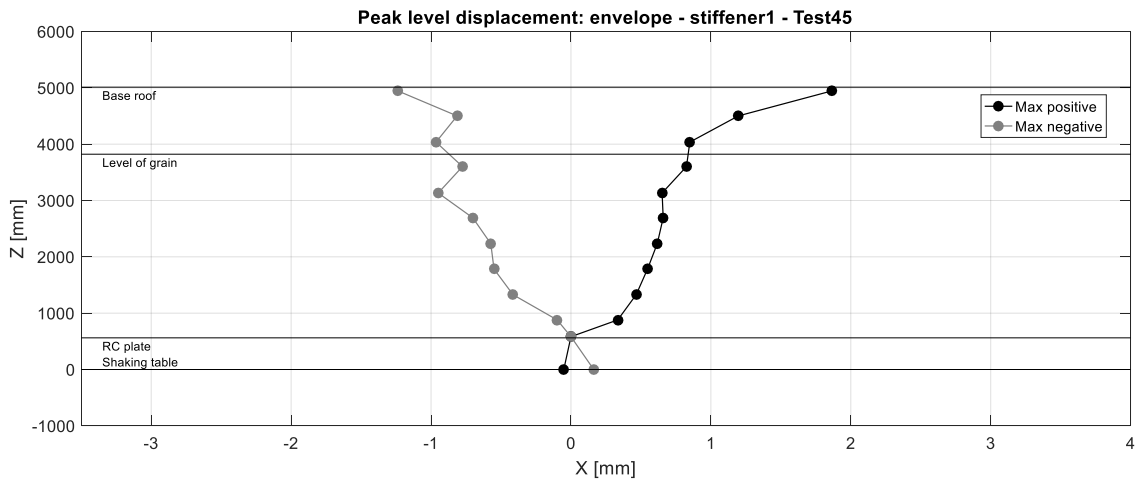
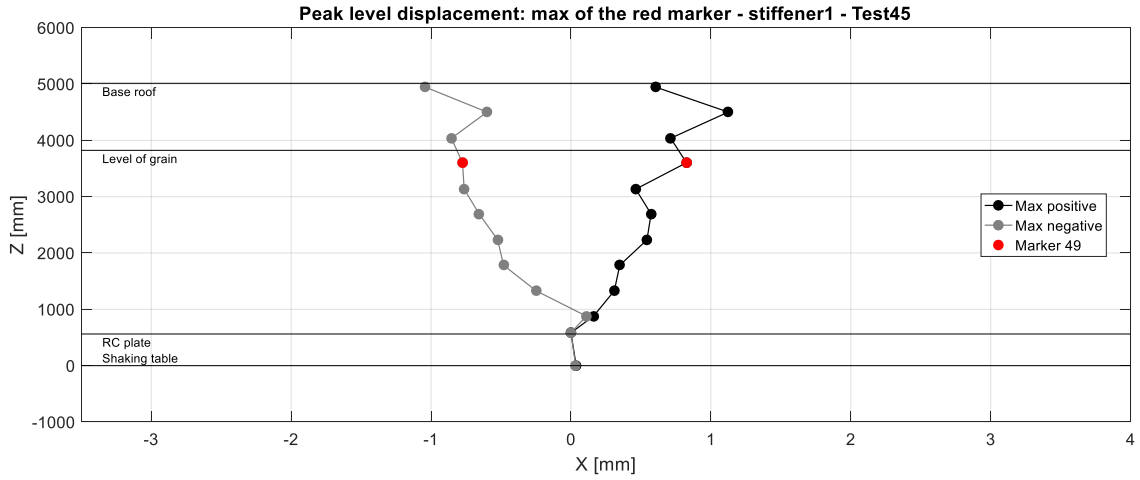




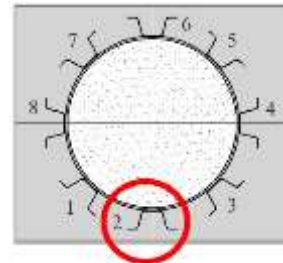
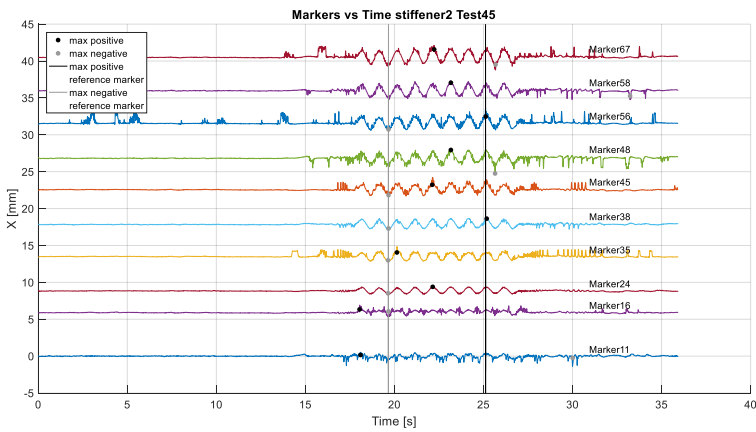
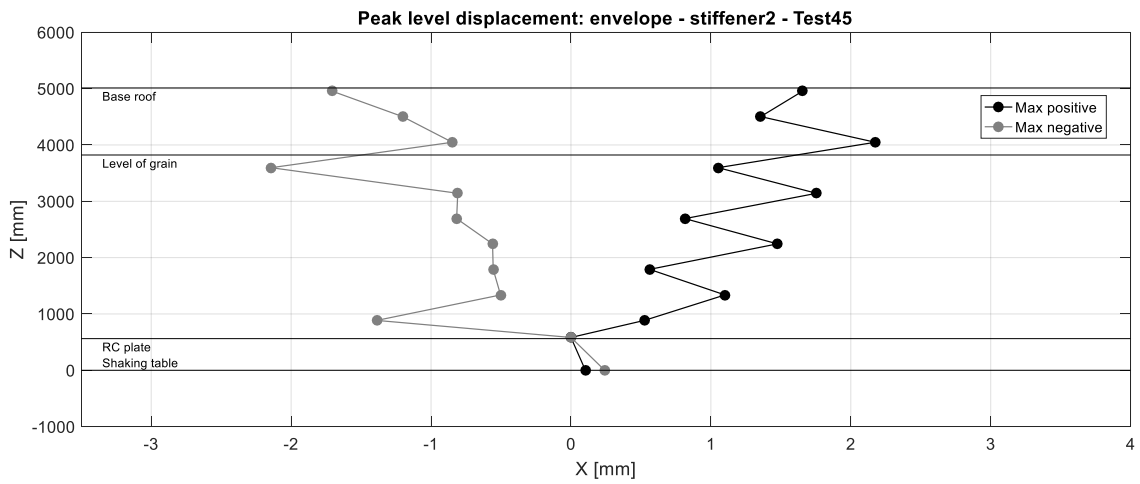
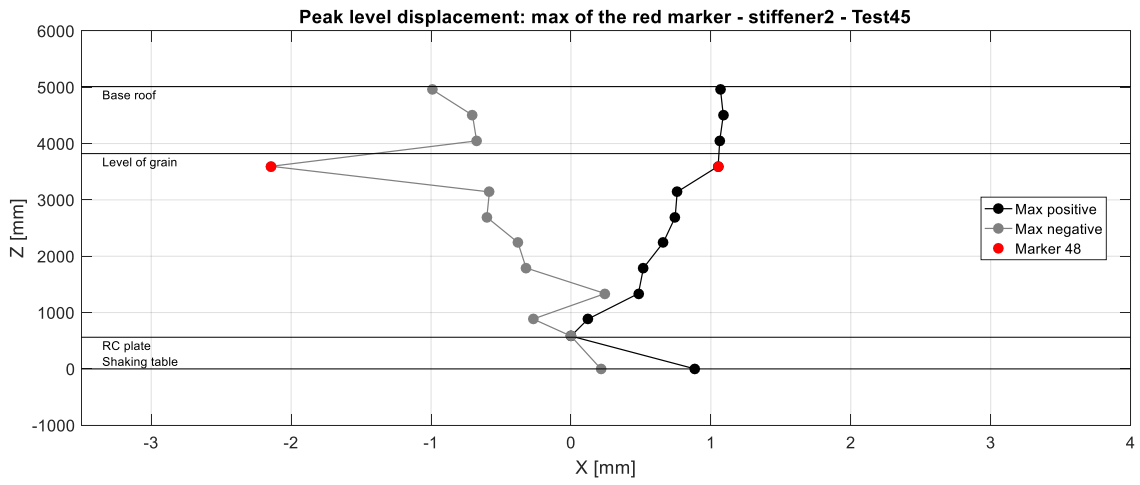
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Sinusoidal input 1 Hz 0.3 g pre – compaction: Test 45

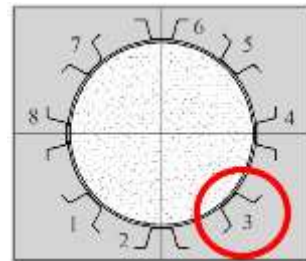
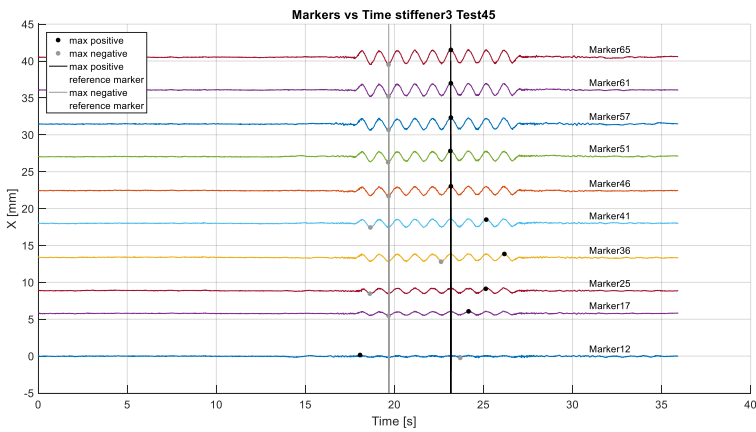
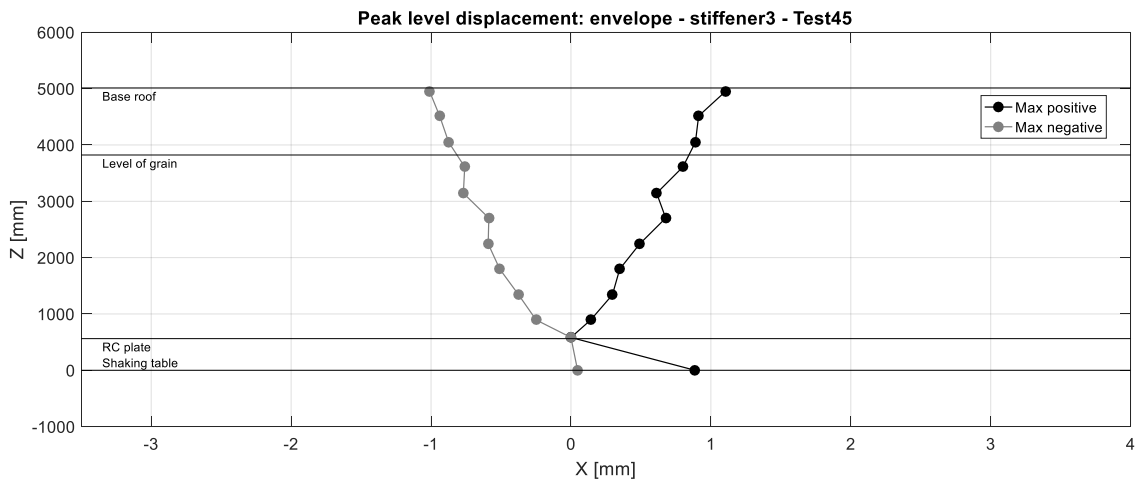
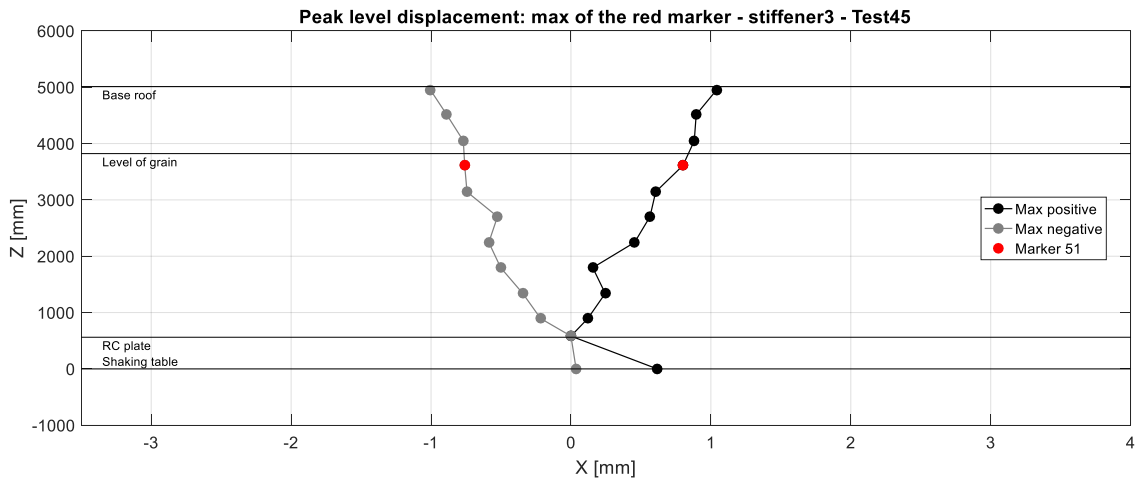
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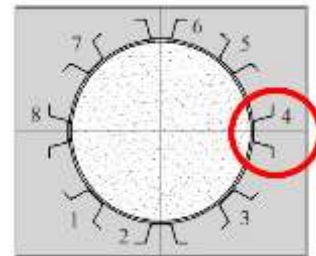
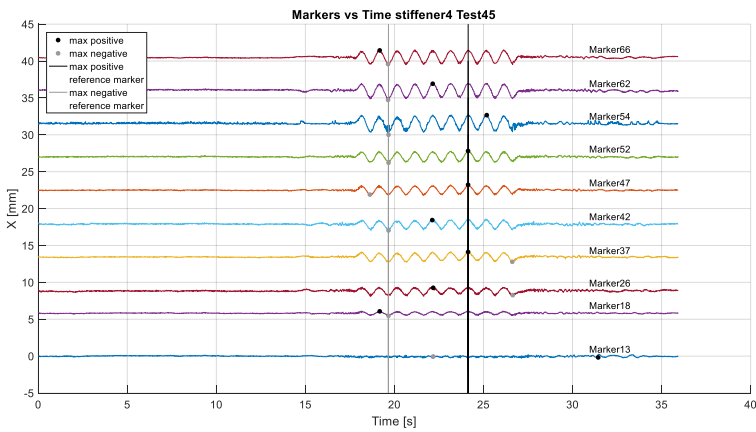
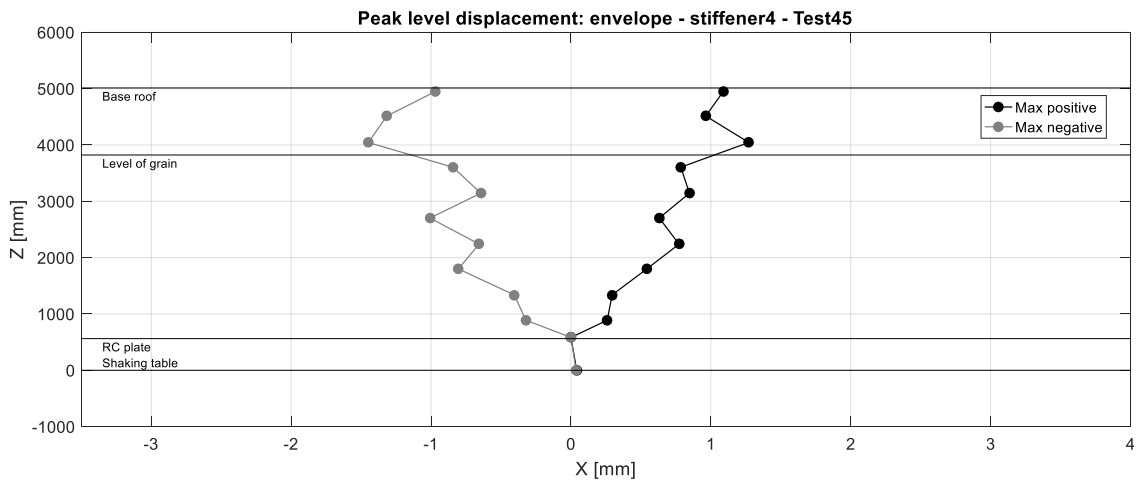
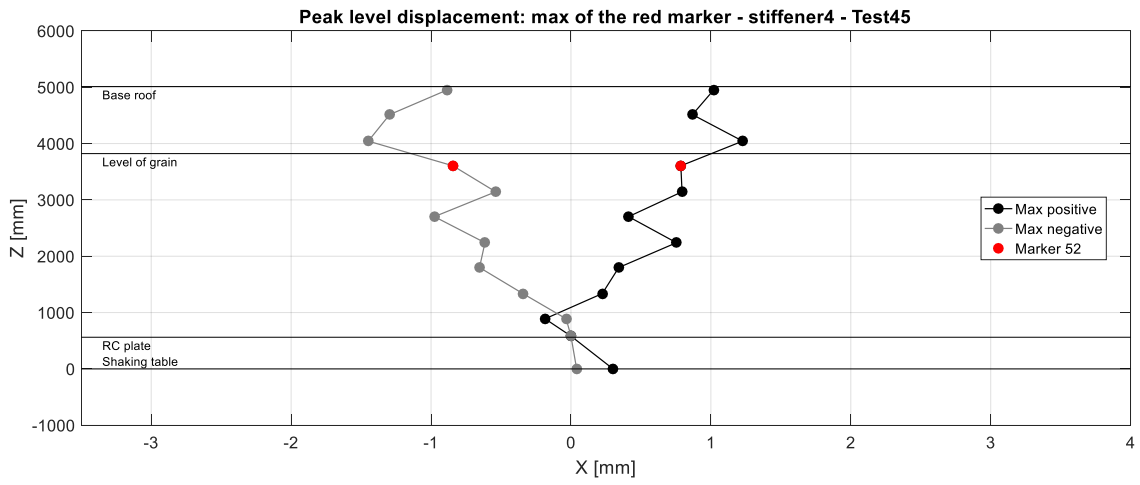
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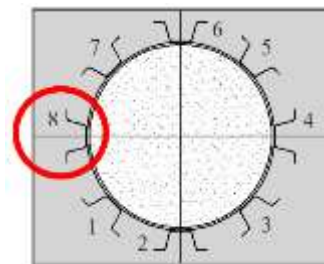
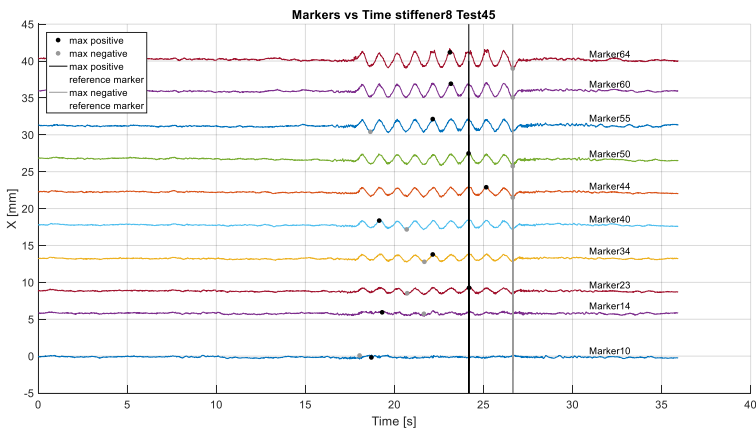
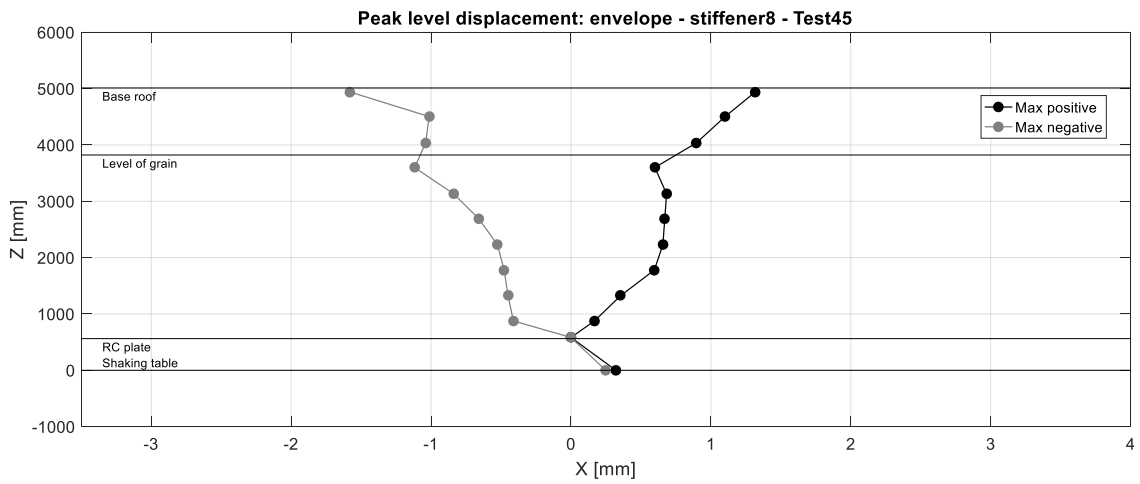
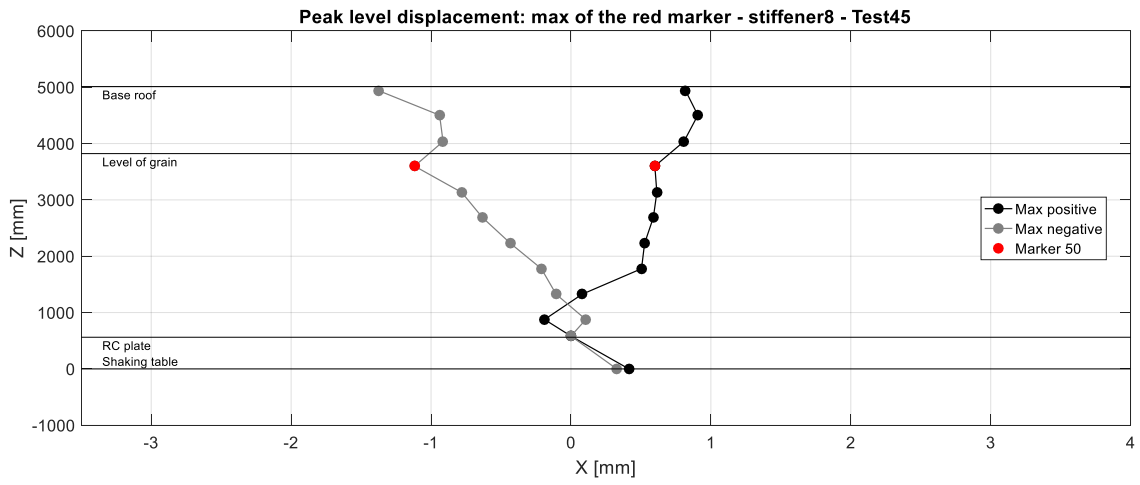
Montante 3



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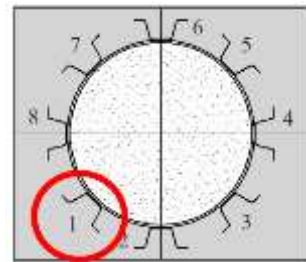
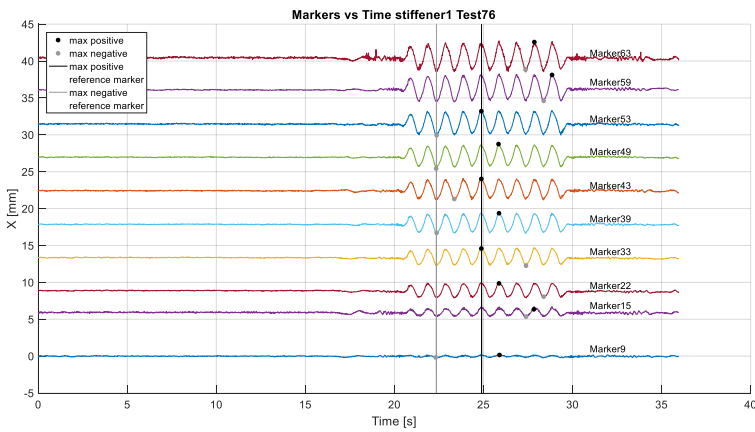
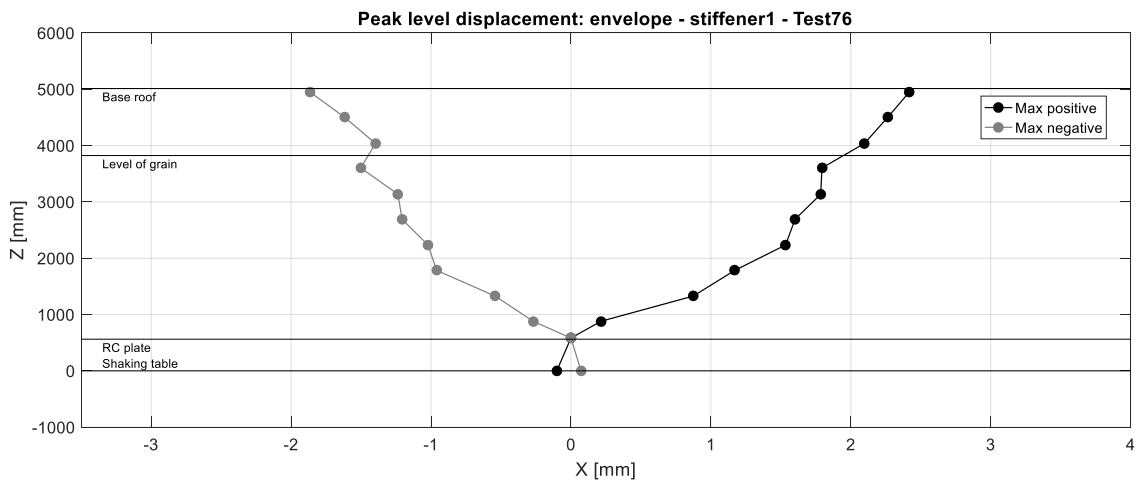
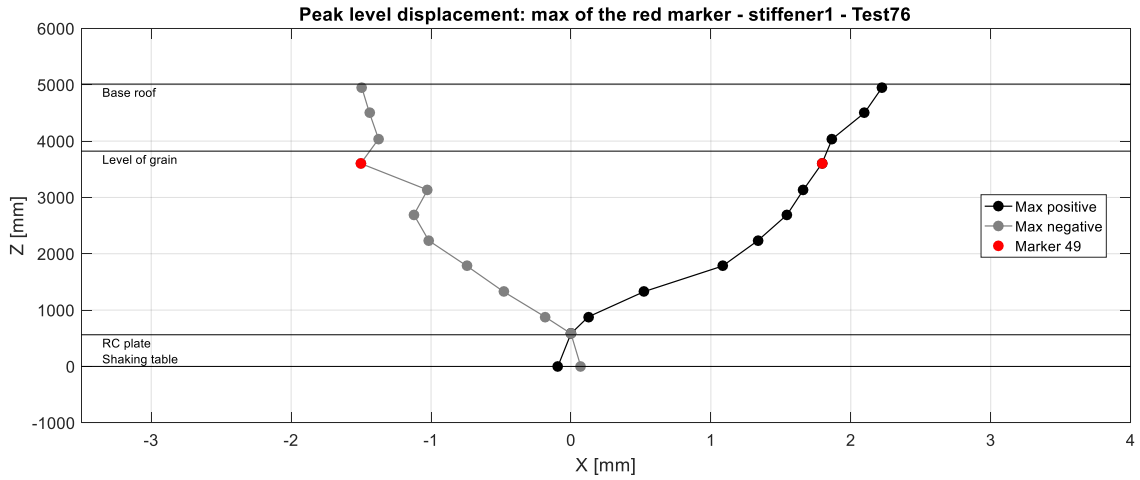


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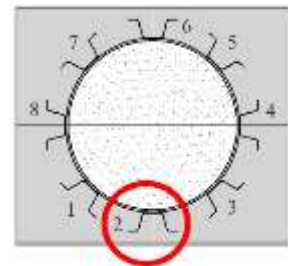
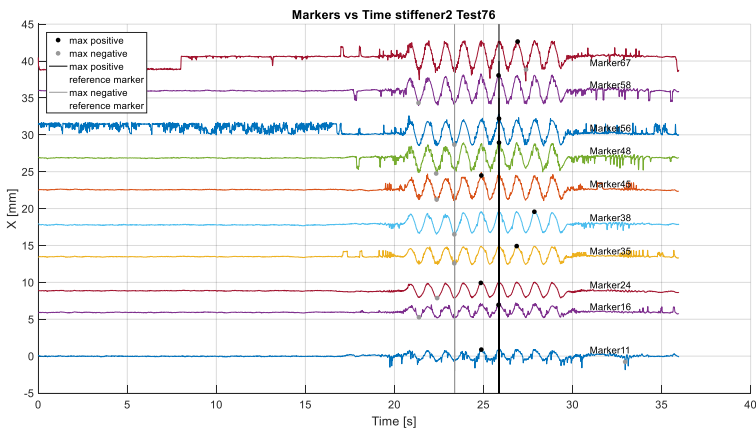
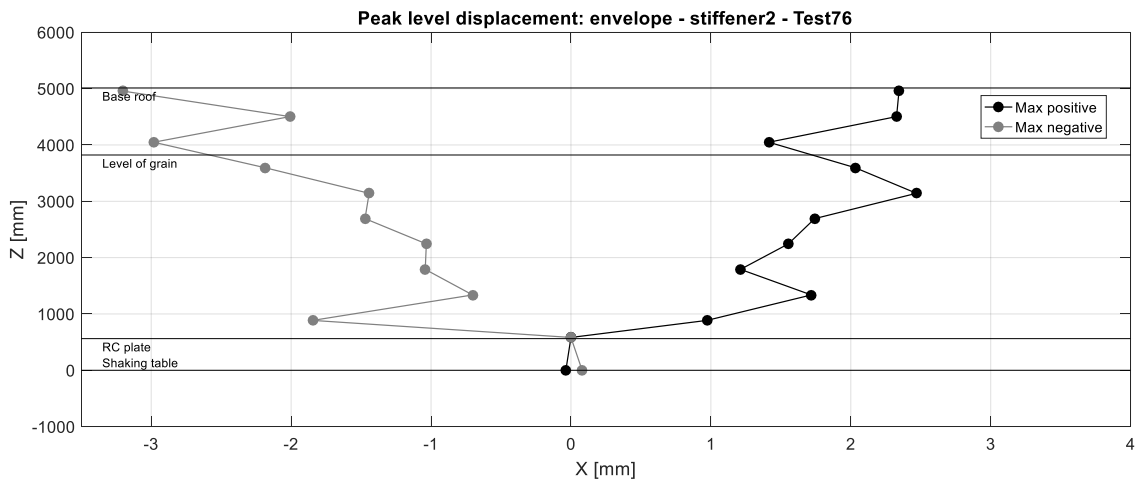
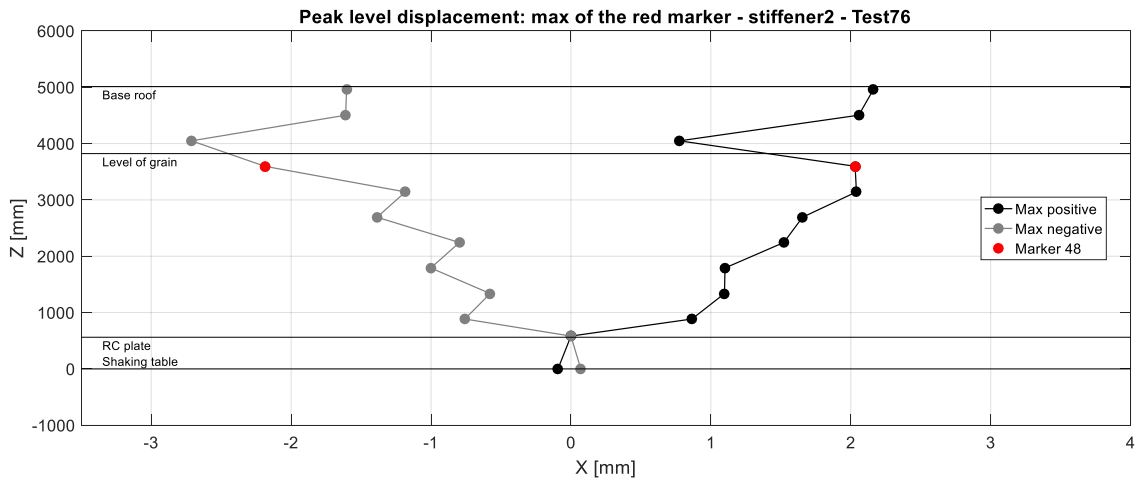


Sinusoidal input 1 Hz 0.5 g pre – compaction: Test 76

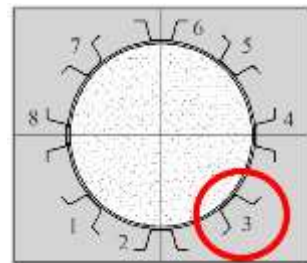
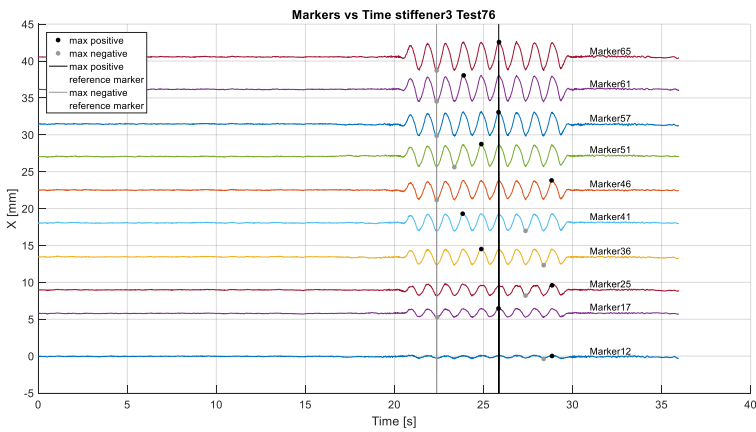
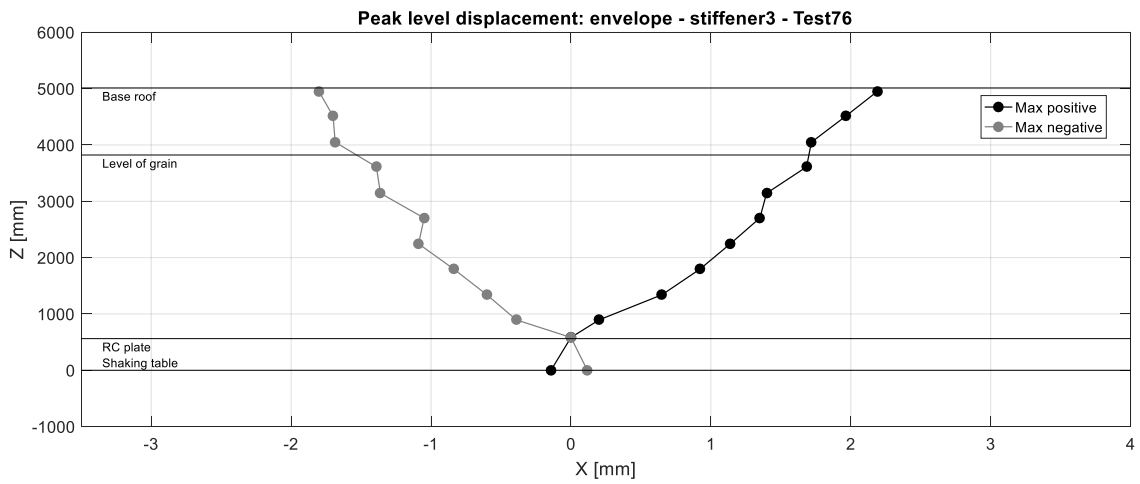
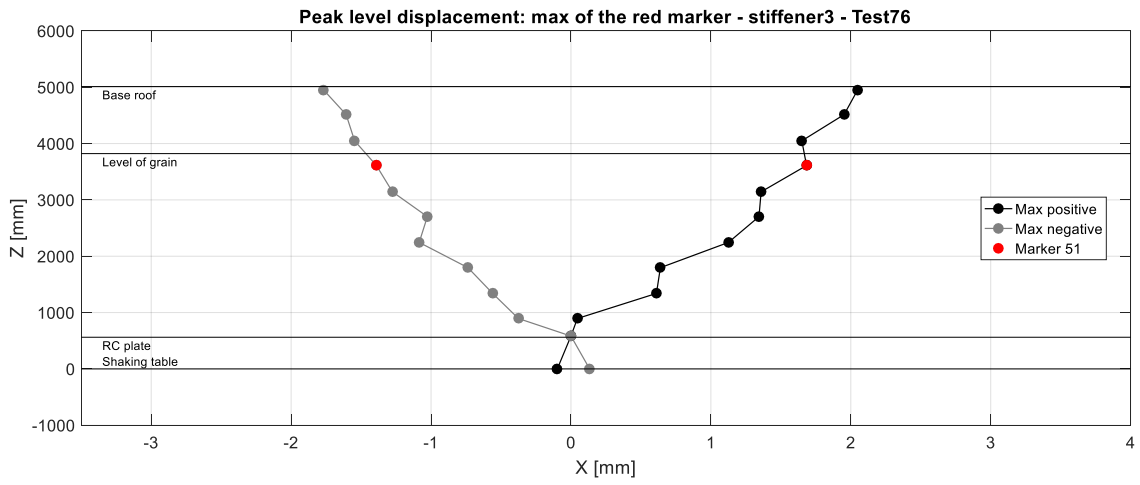
Montante 1



Montante 2

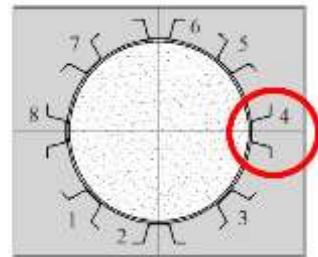
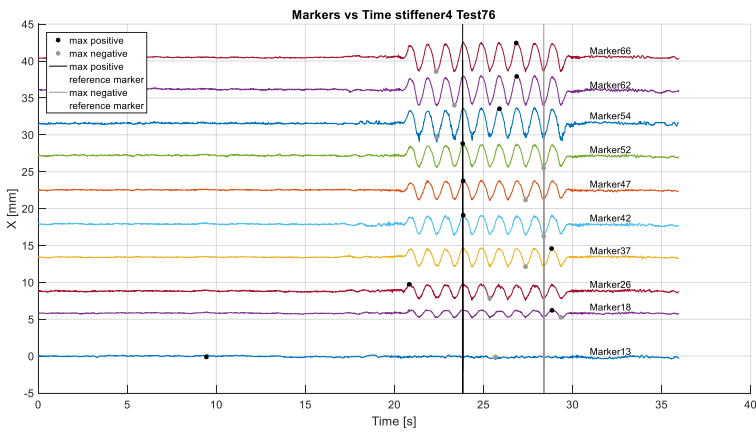
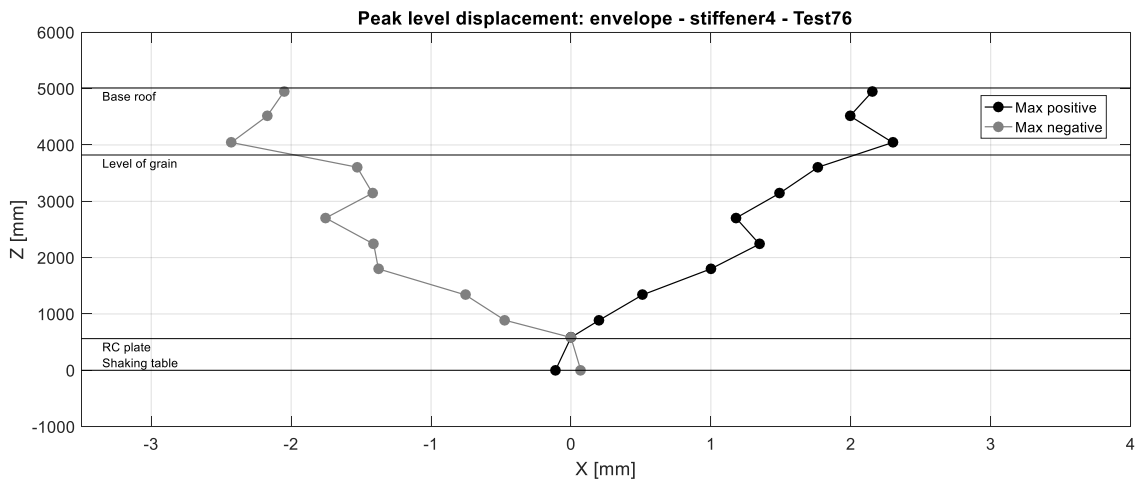
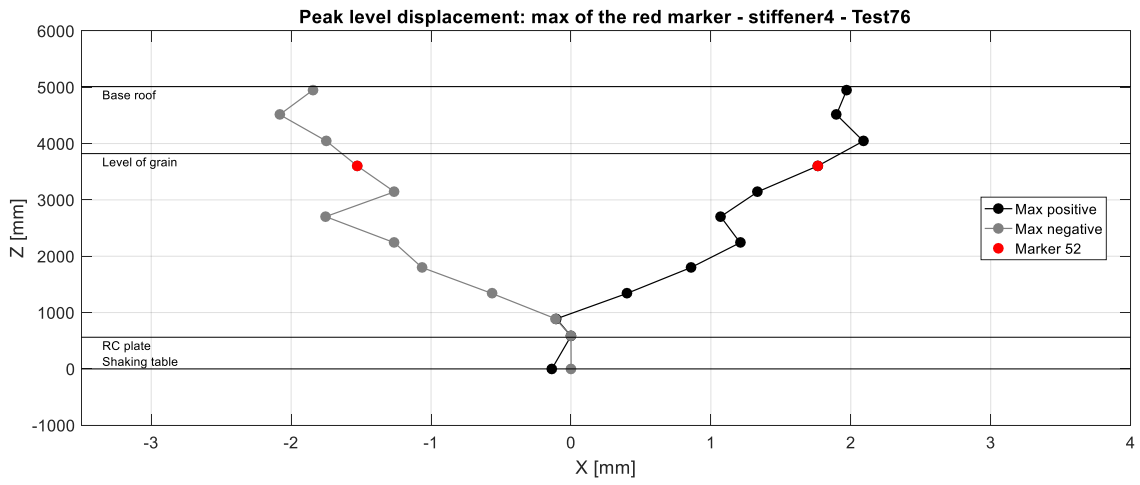


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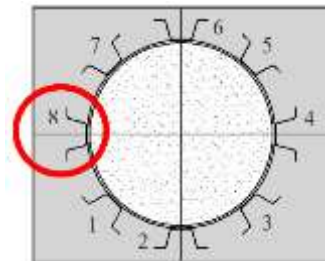
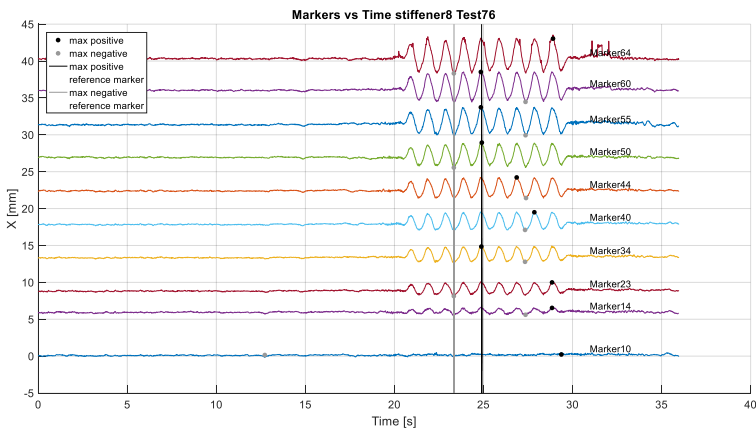
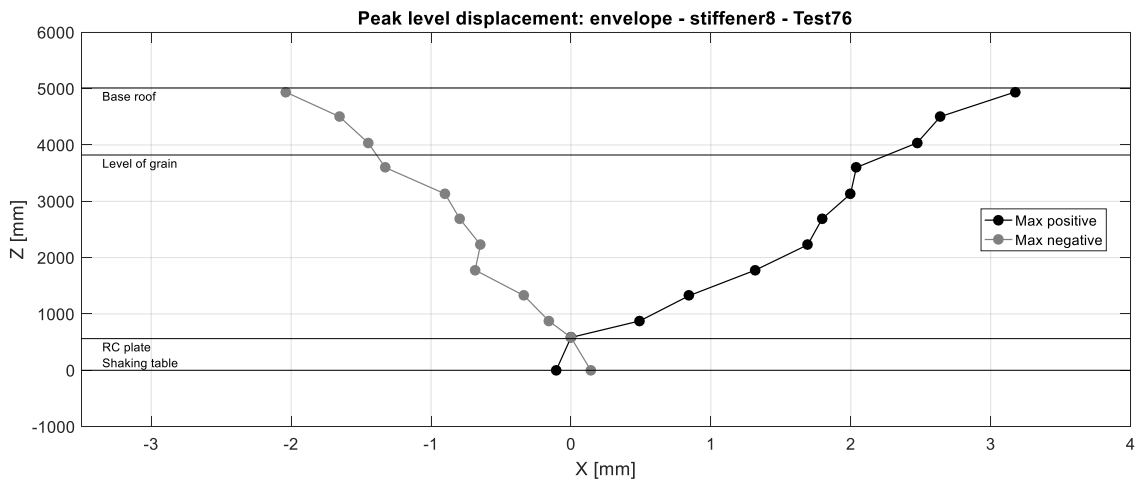
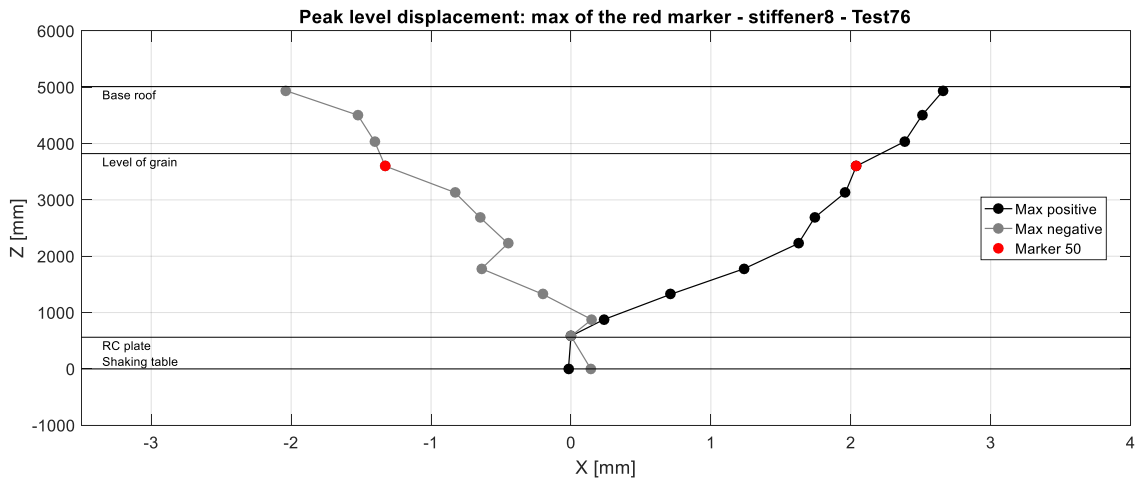




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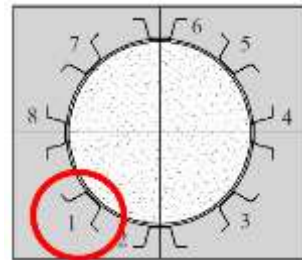
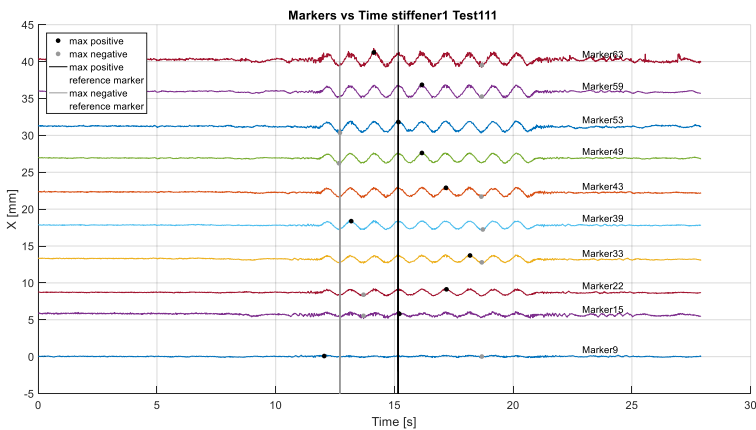
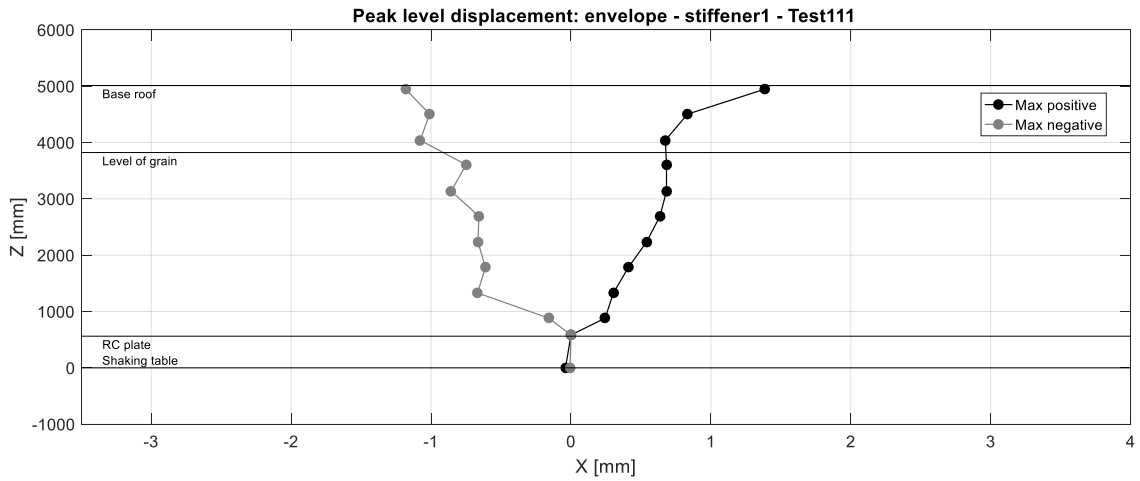
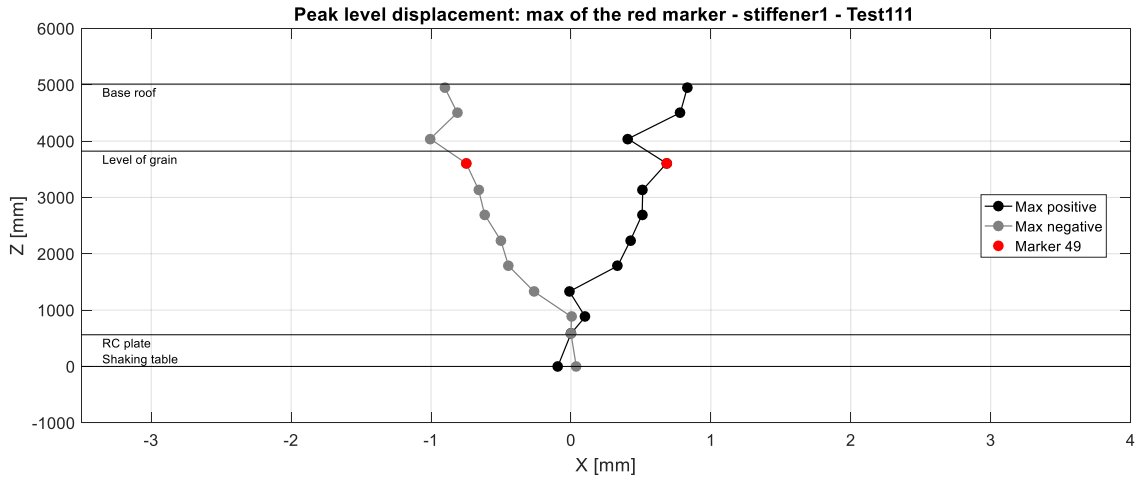


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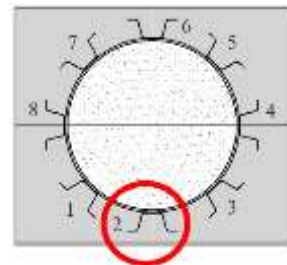
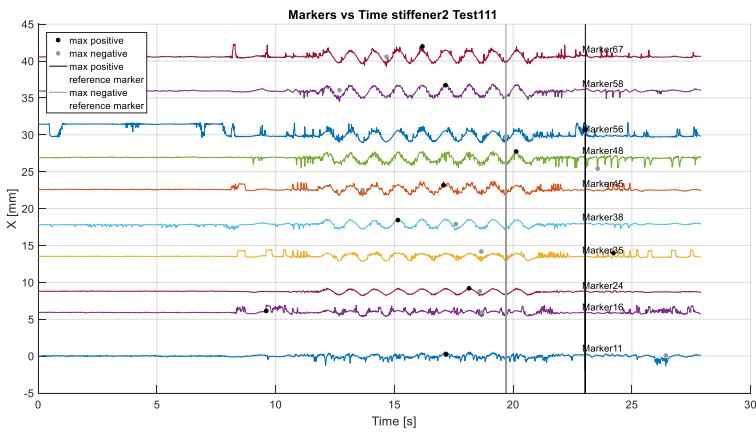
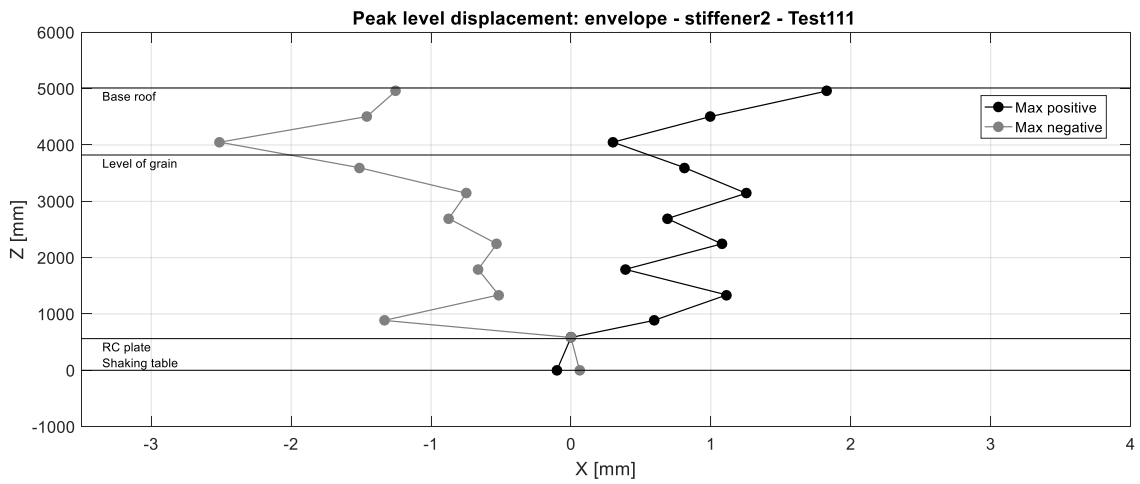
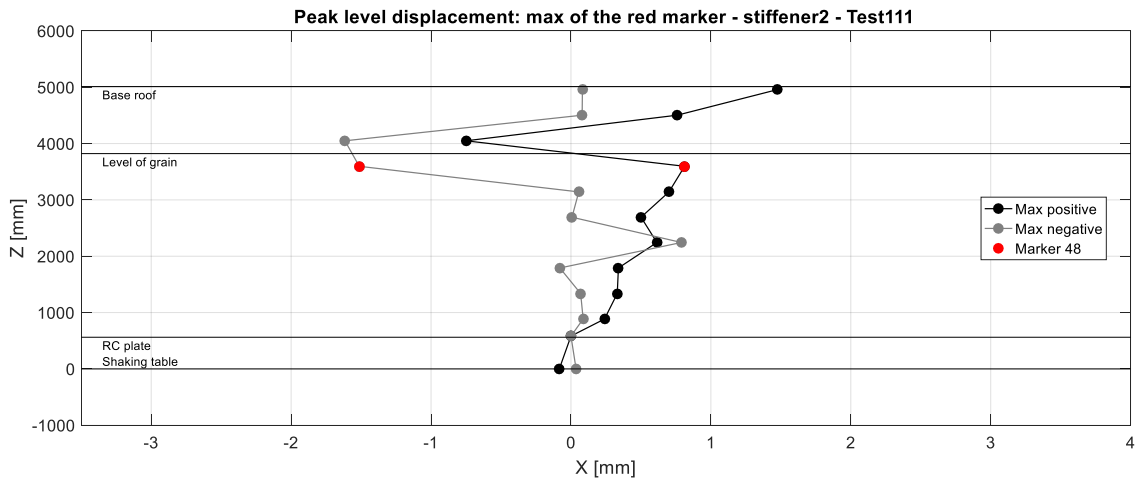


Sinusoidal input 1 Hz 0.3 g post – compaction: Test 111

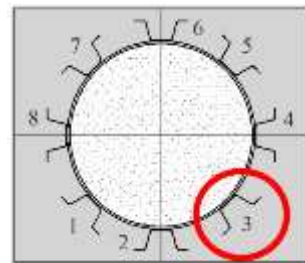
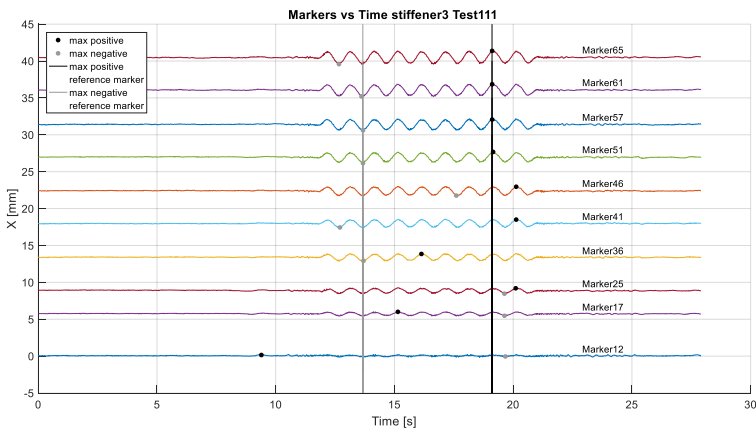
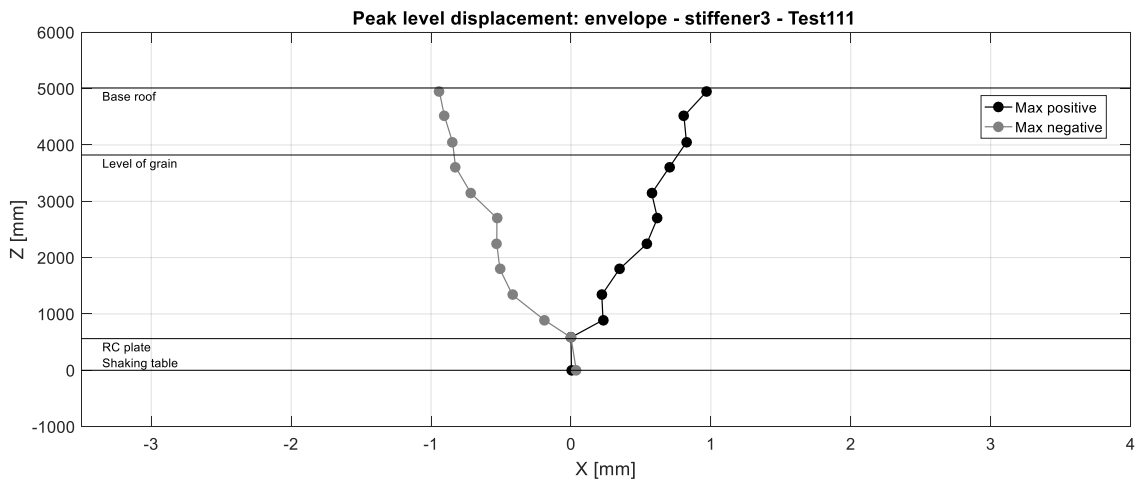
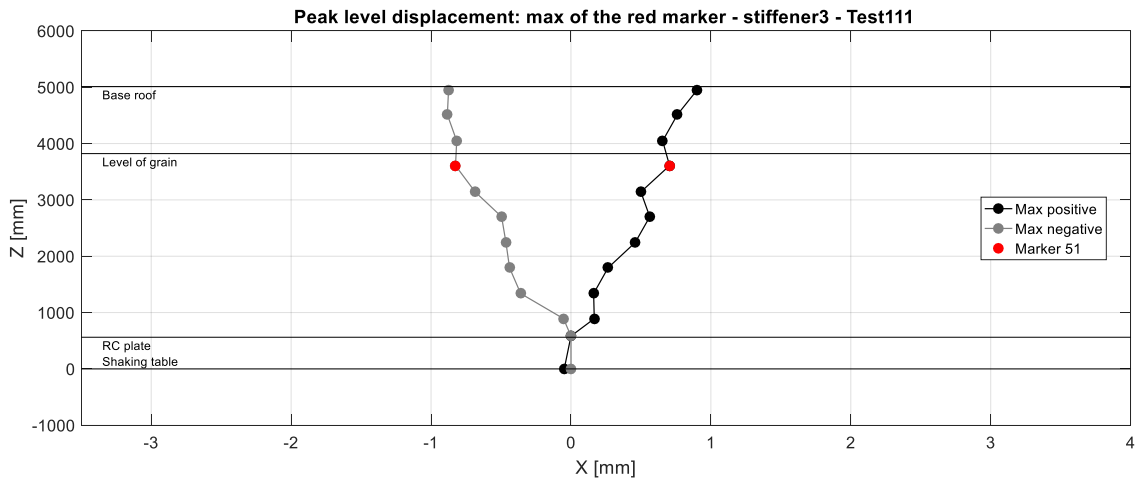
Montante 1



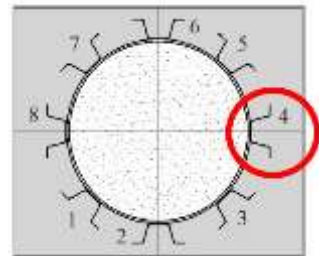
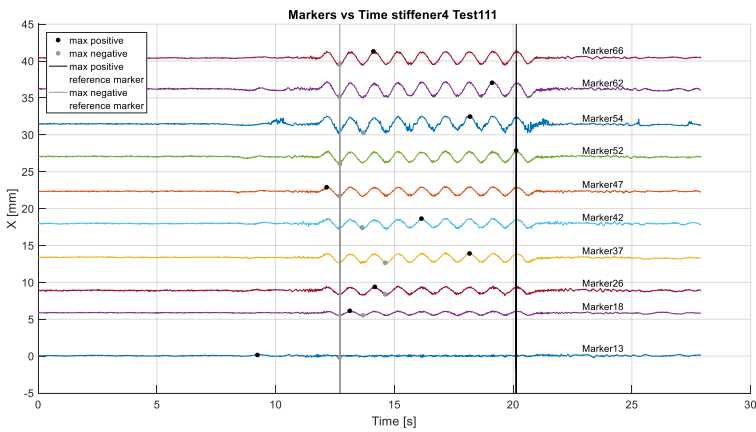
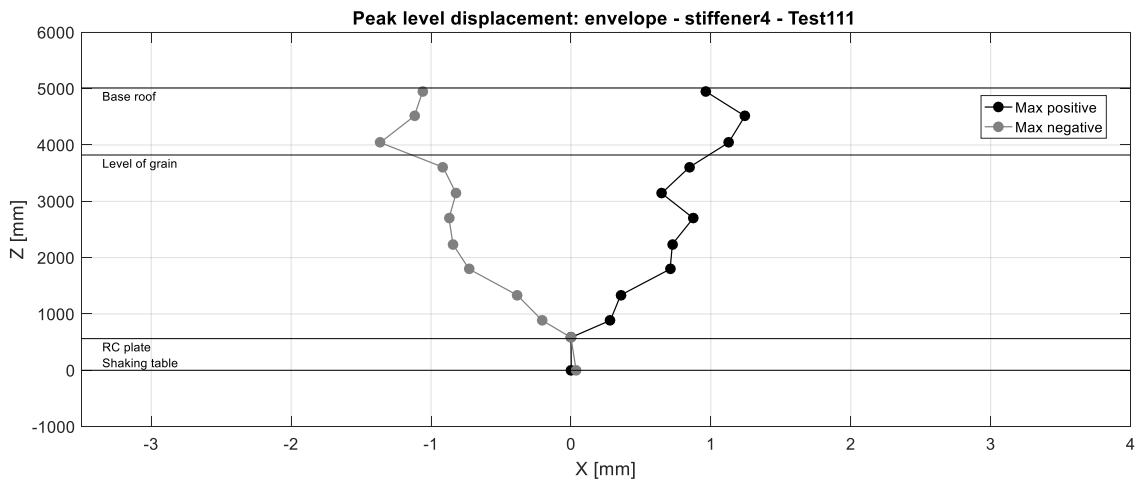
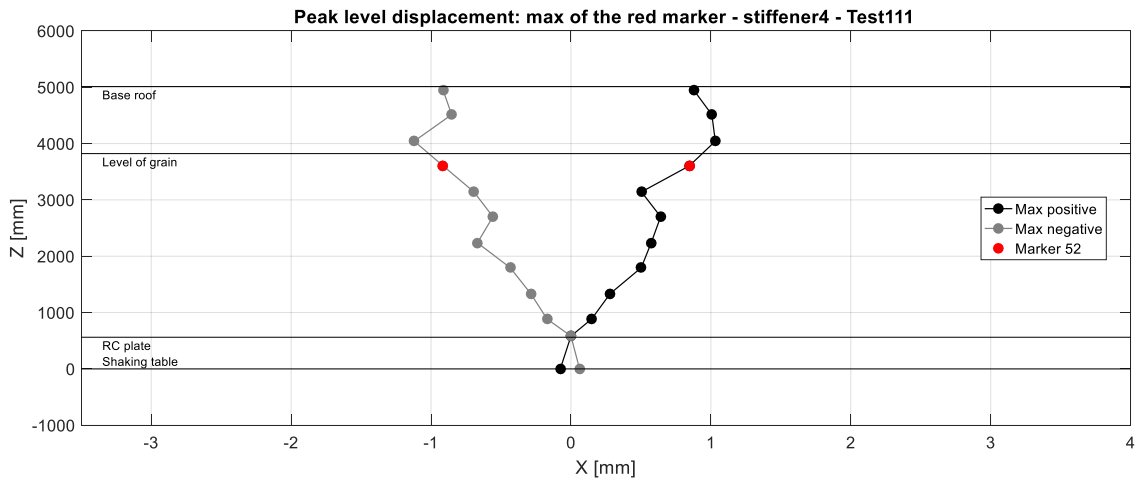
Montante 2



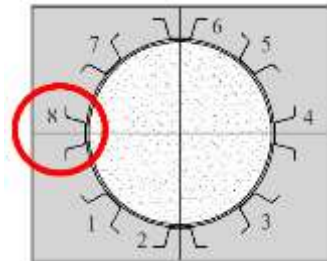
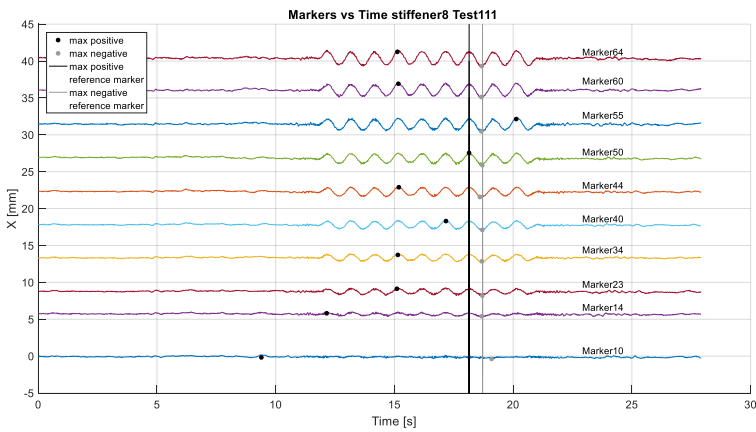
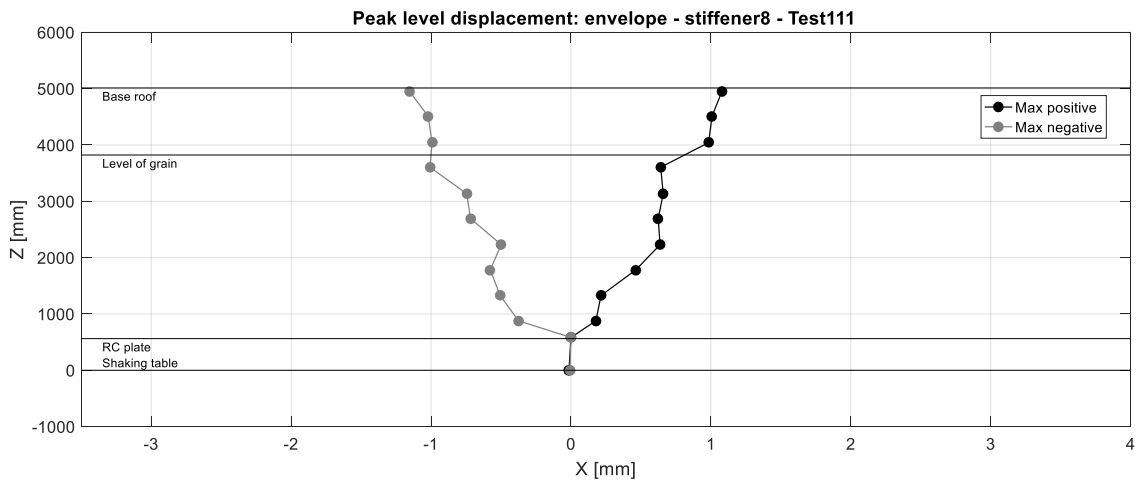
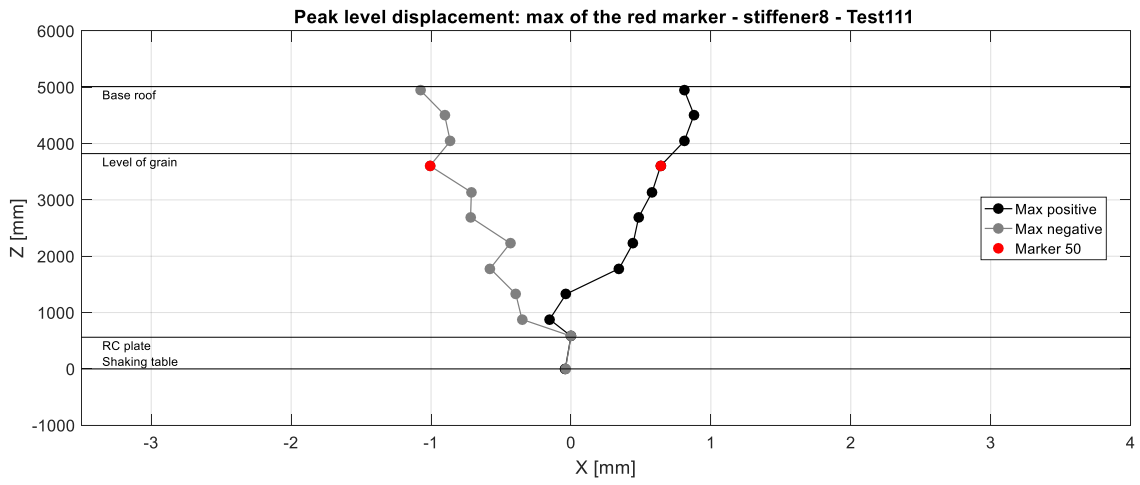
Montante 3



Montante 4

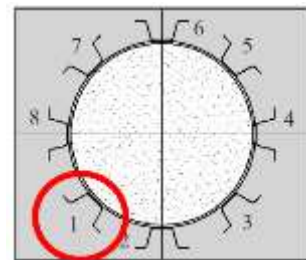
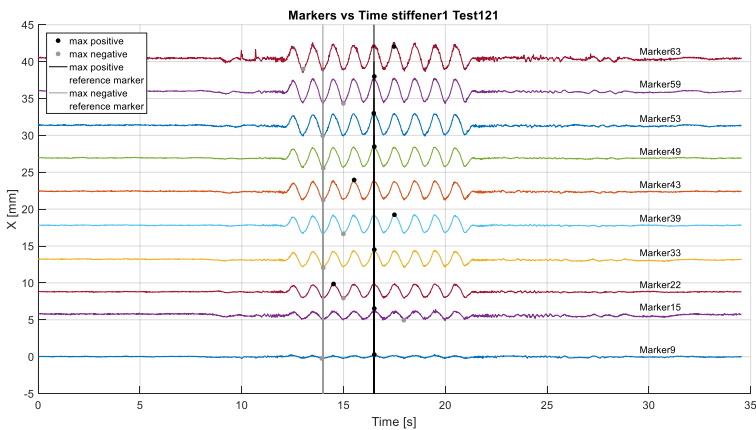
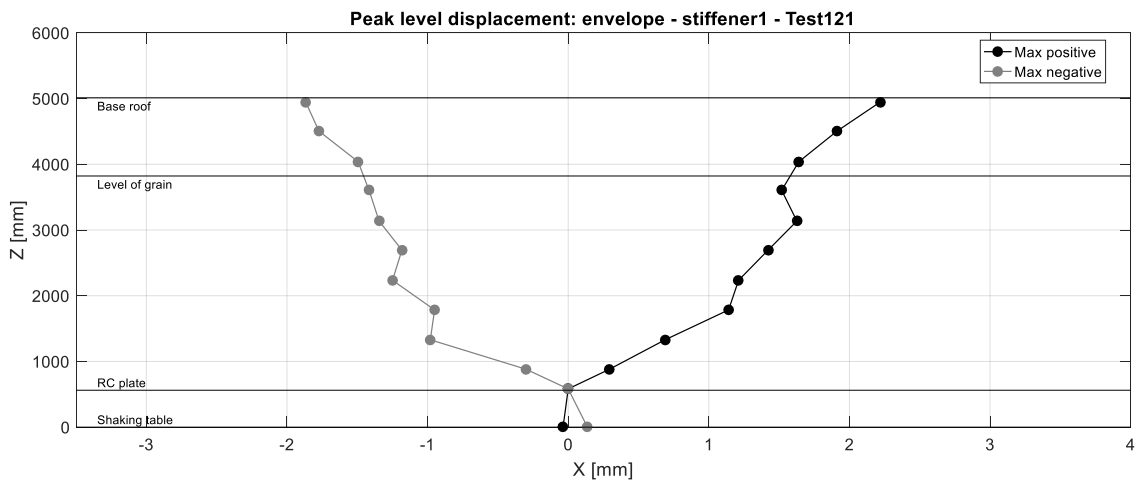
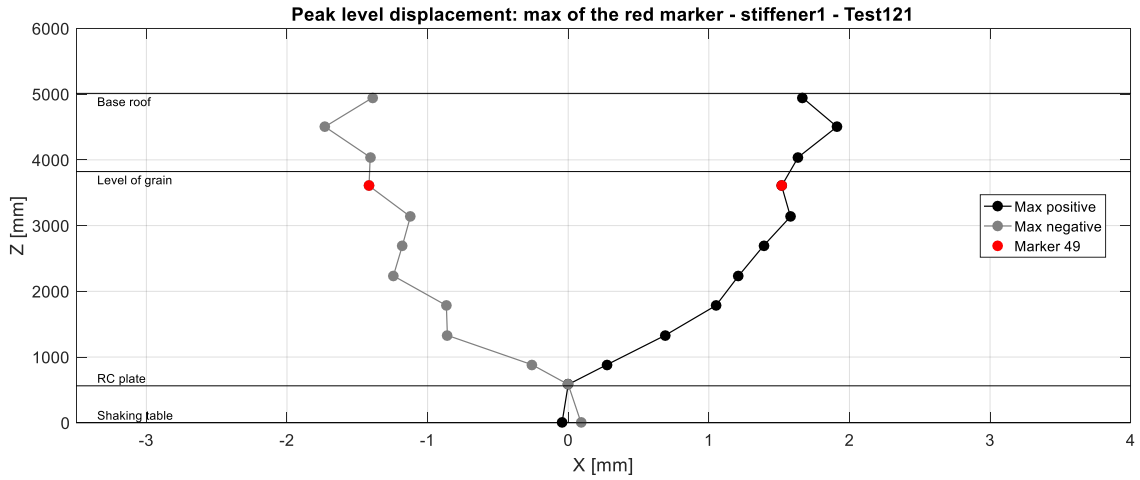


Montante 8



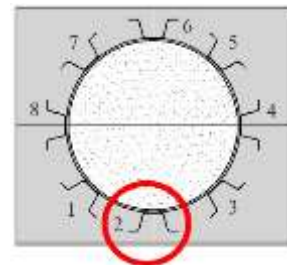
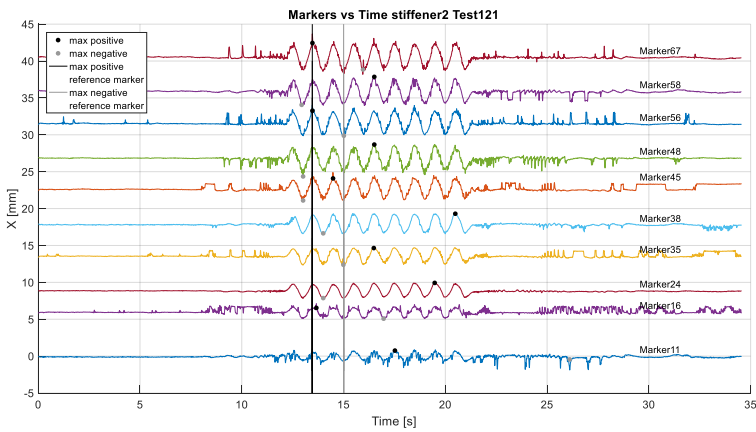
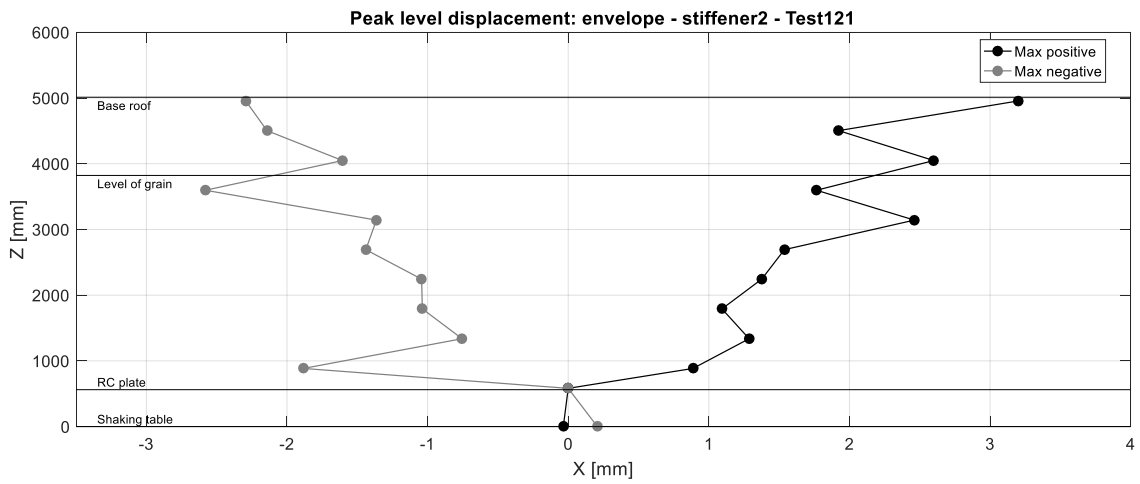
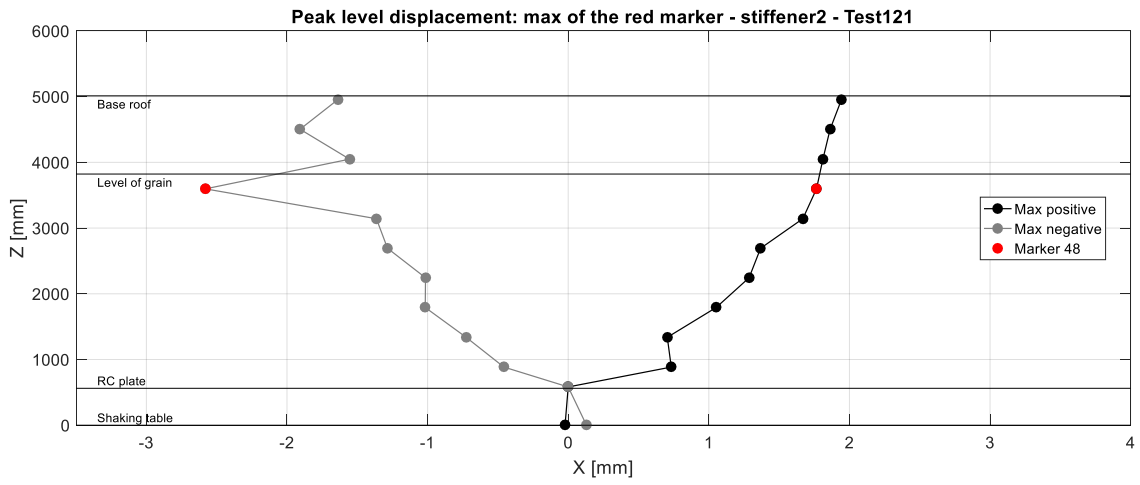
Sinusoidal input 1 Hz 0.5 g post – compaction: Test 121

Montante 1

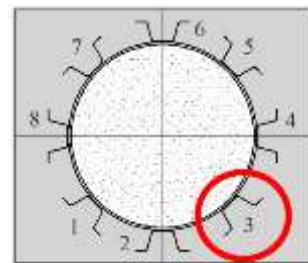
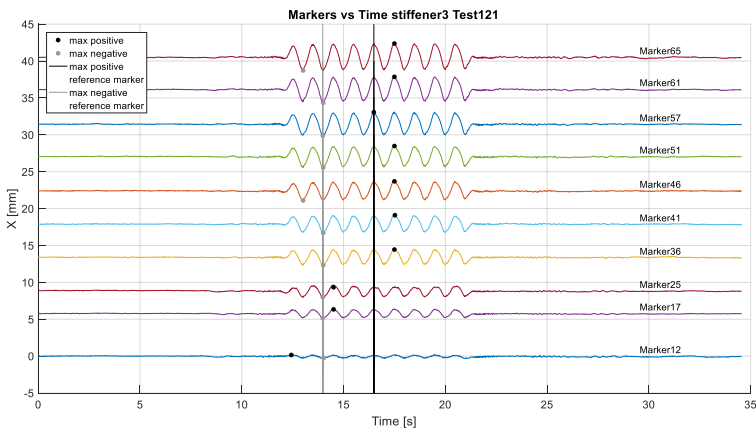
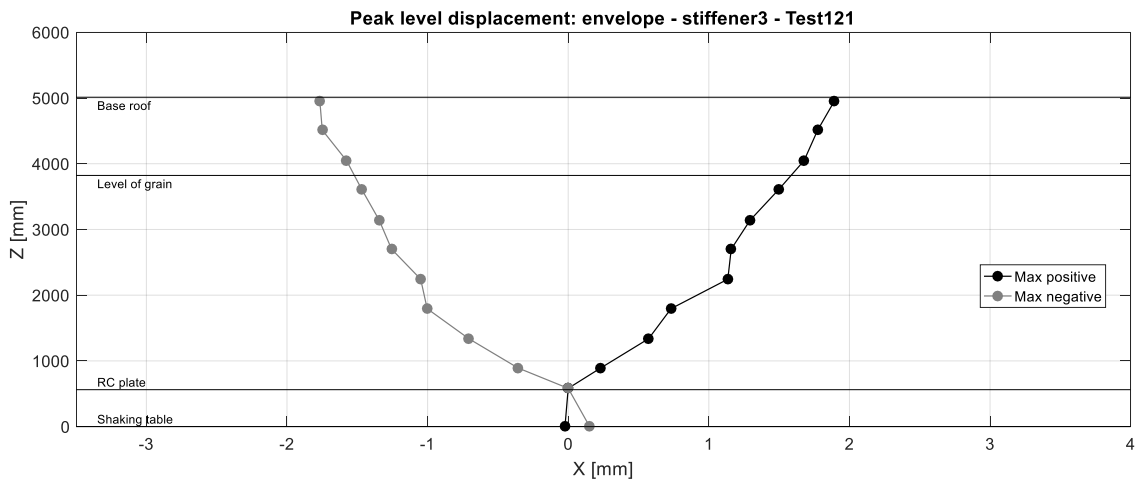
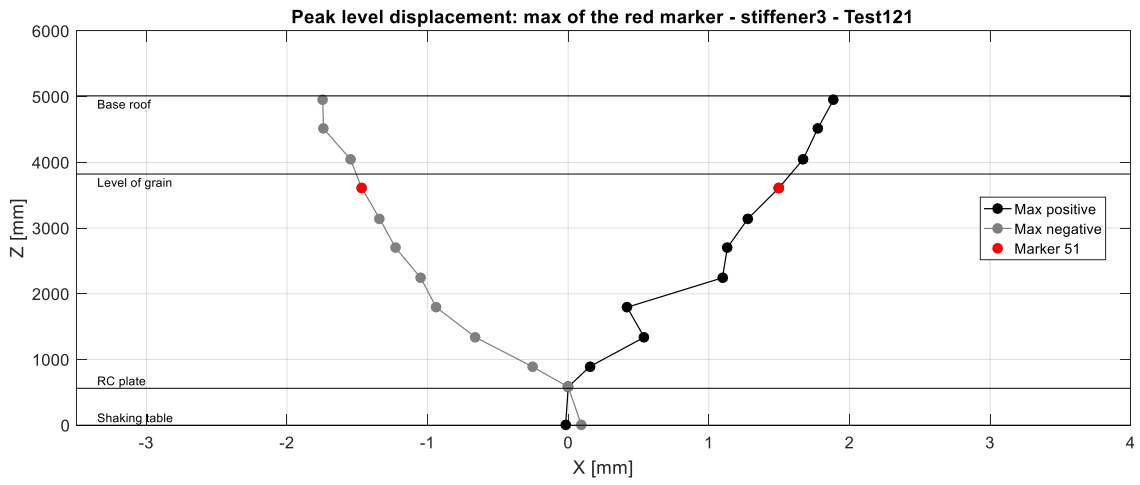




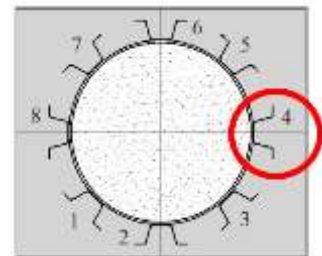
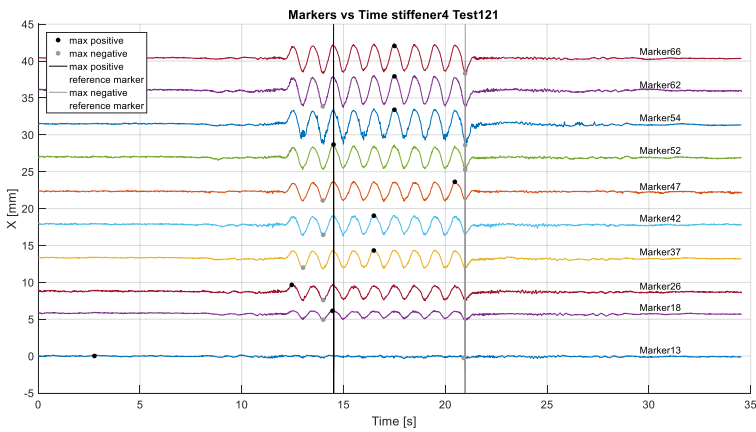
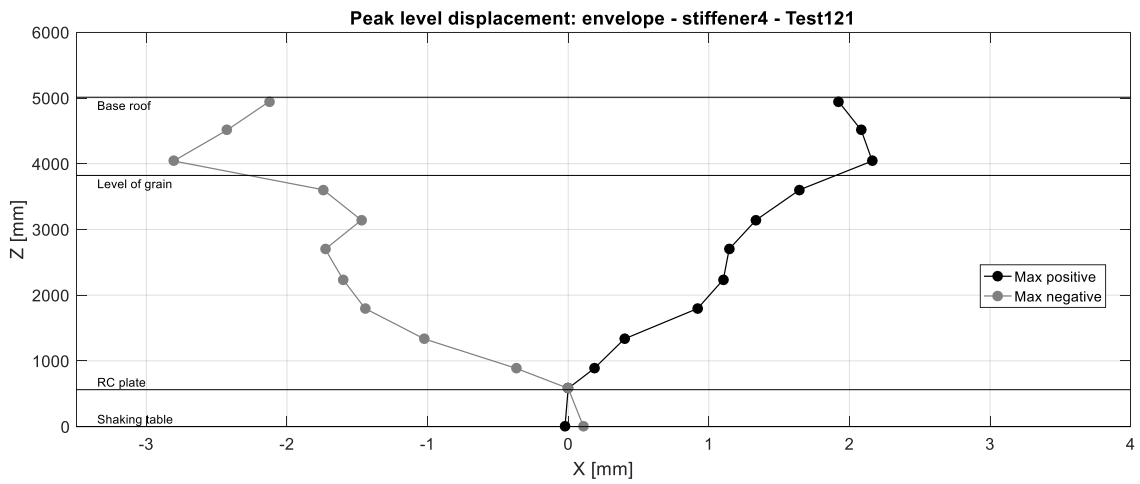
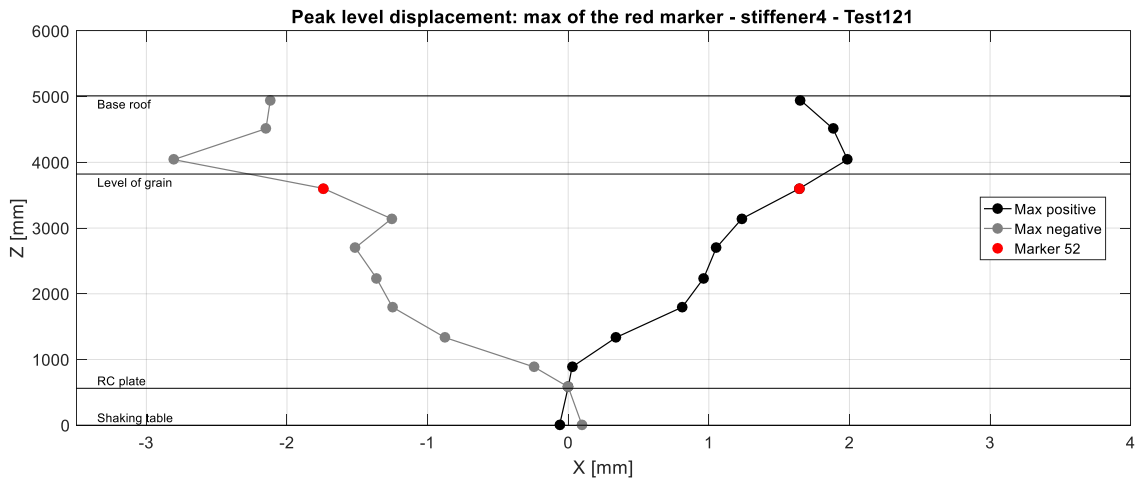
Montante 2



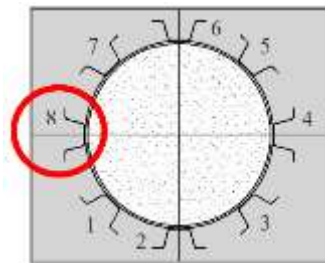
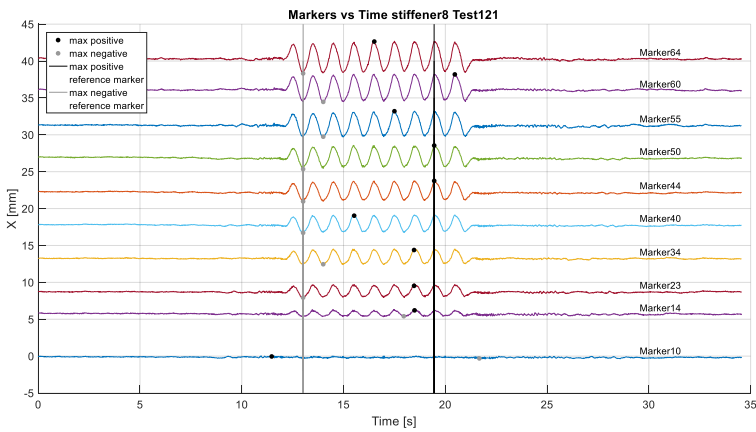
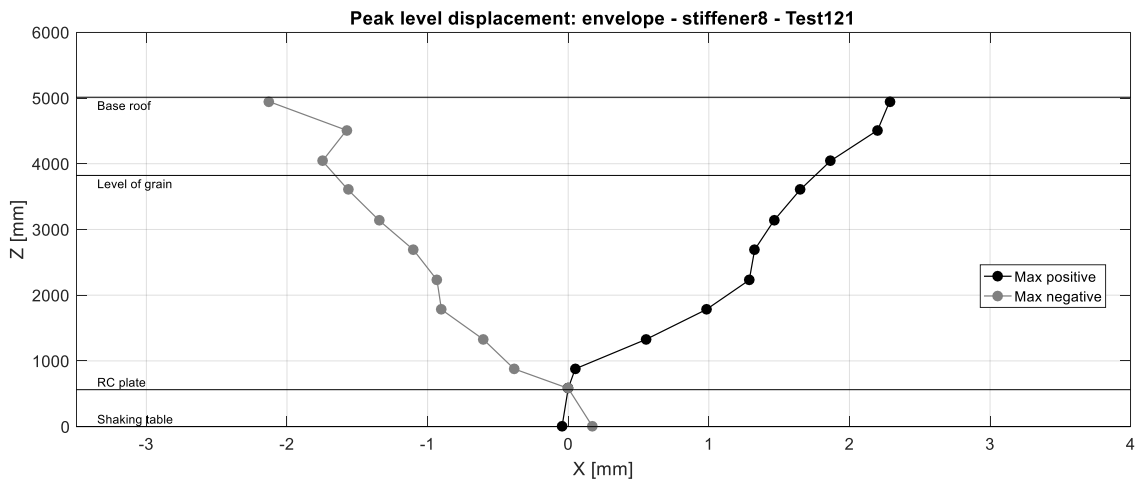
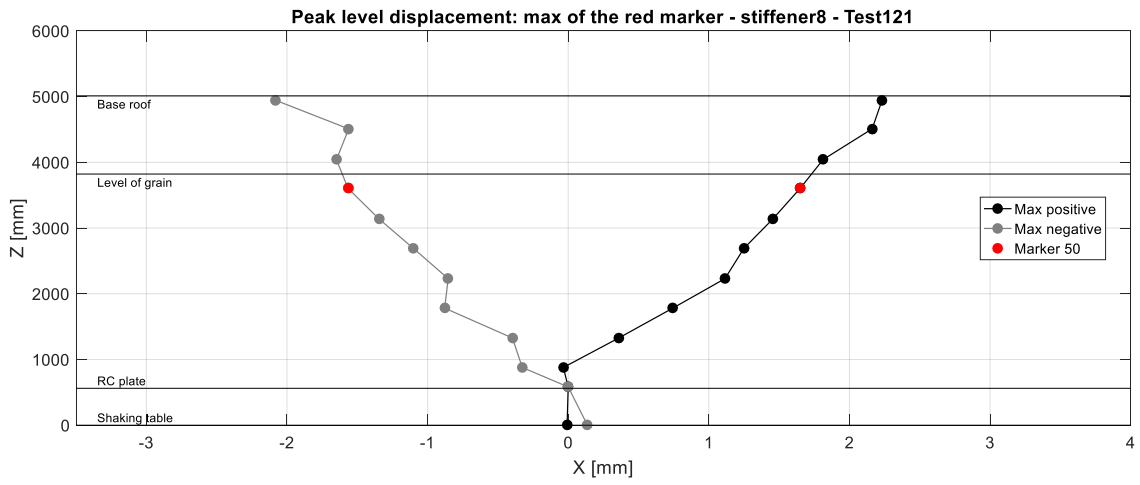
Montante 3



Montante 4

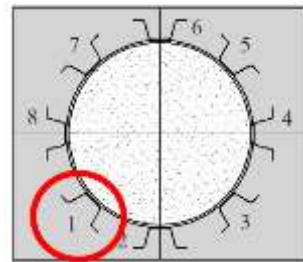
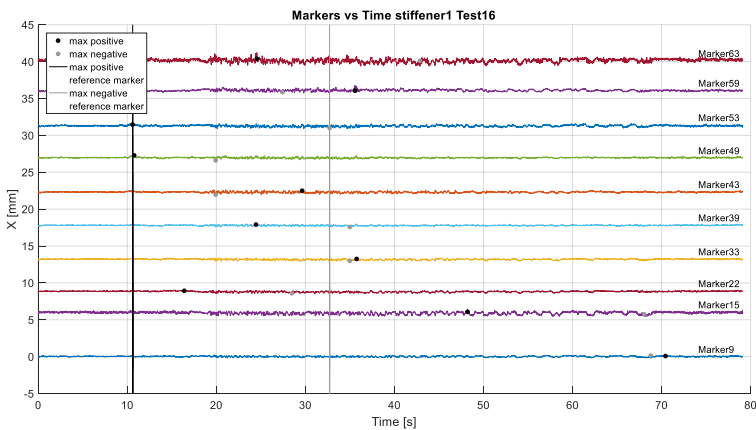
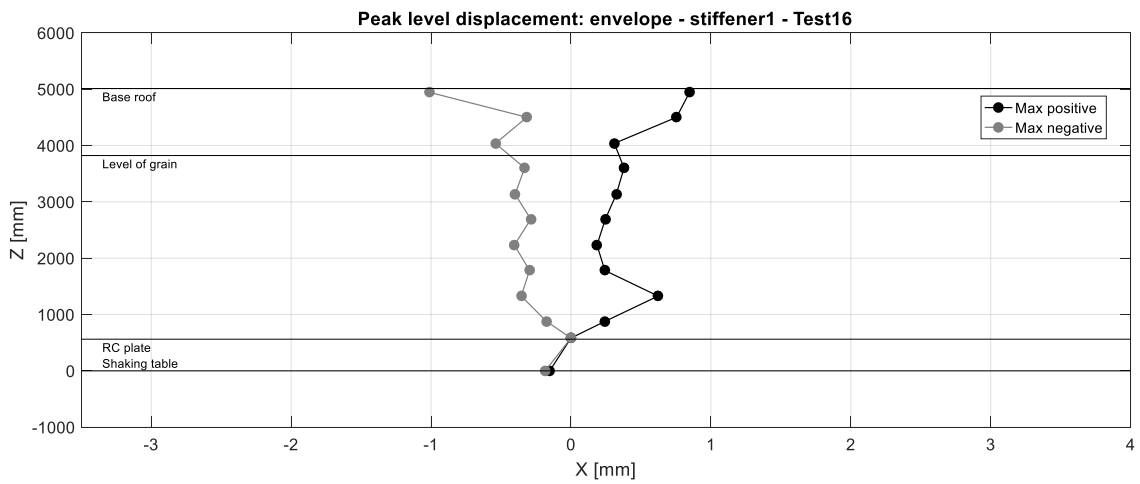
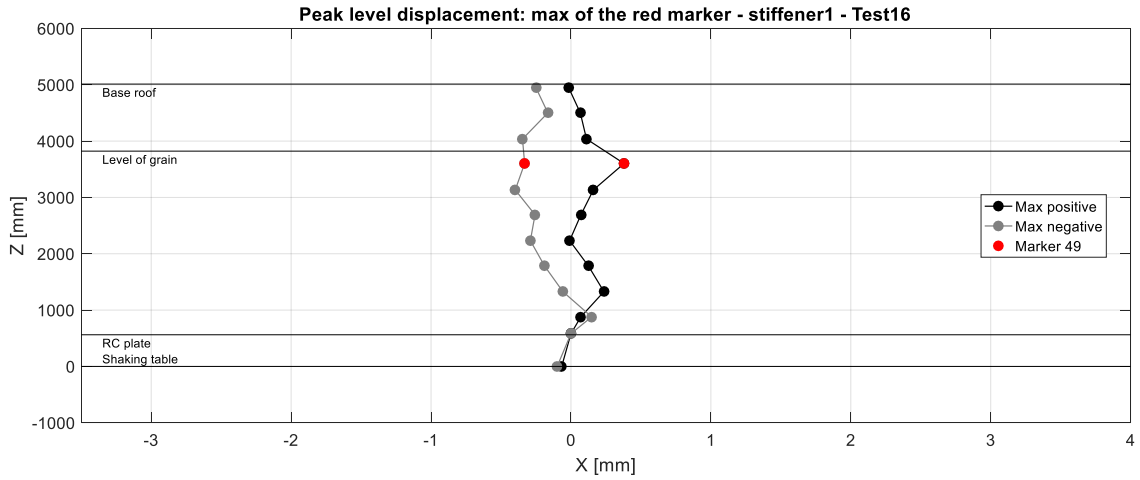


Montante 8

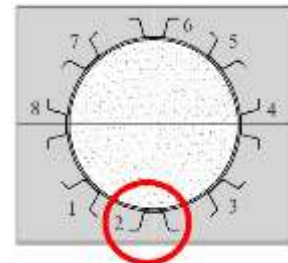
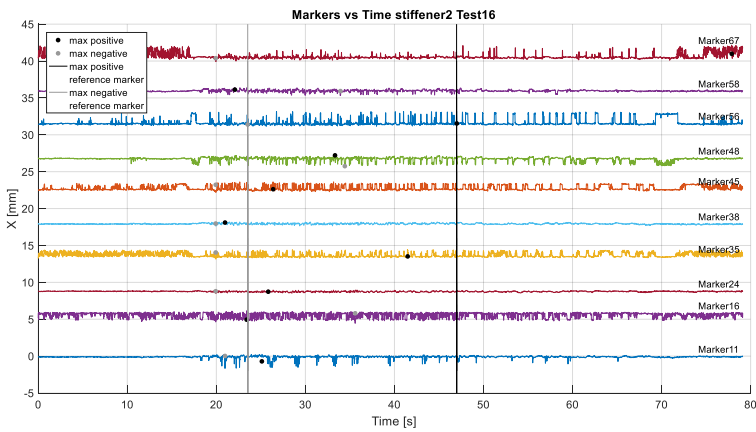
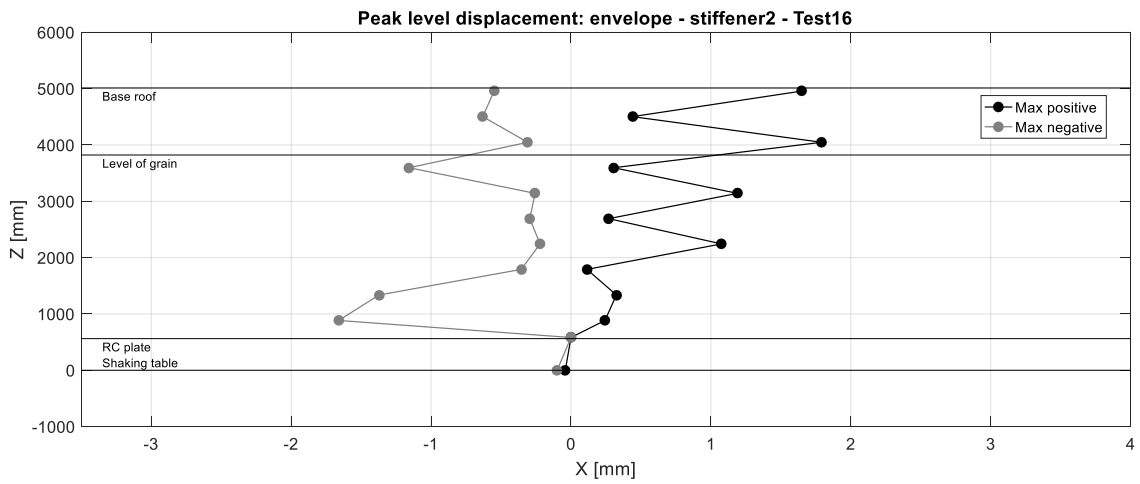
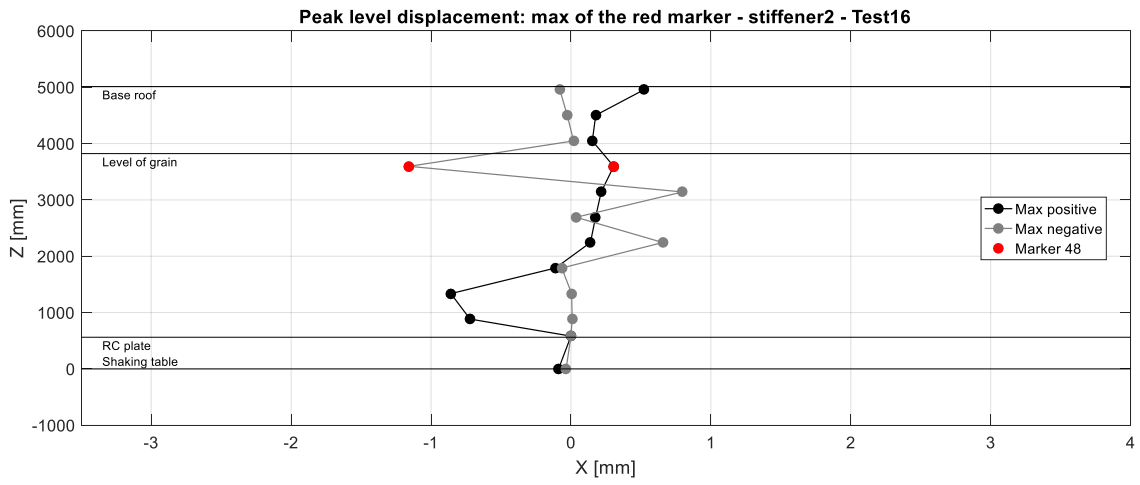


Earthquake input A1 0.1 g: Test 16

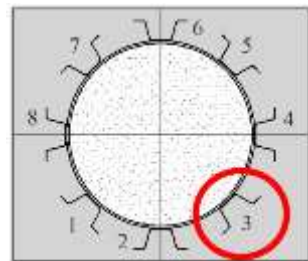
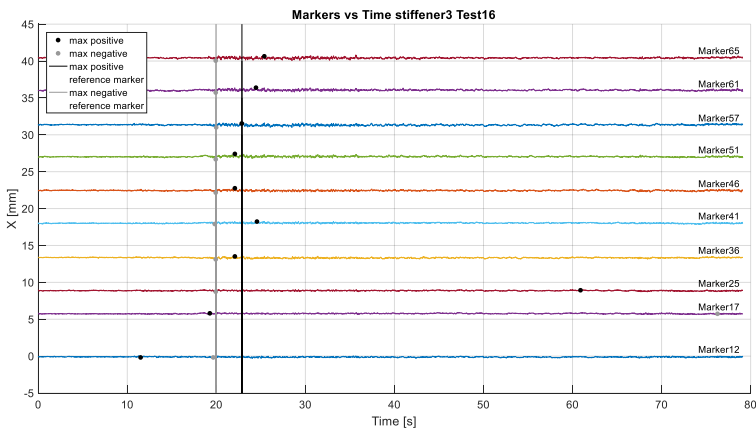
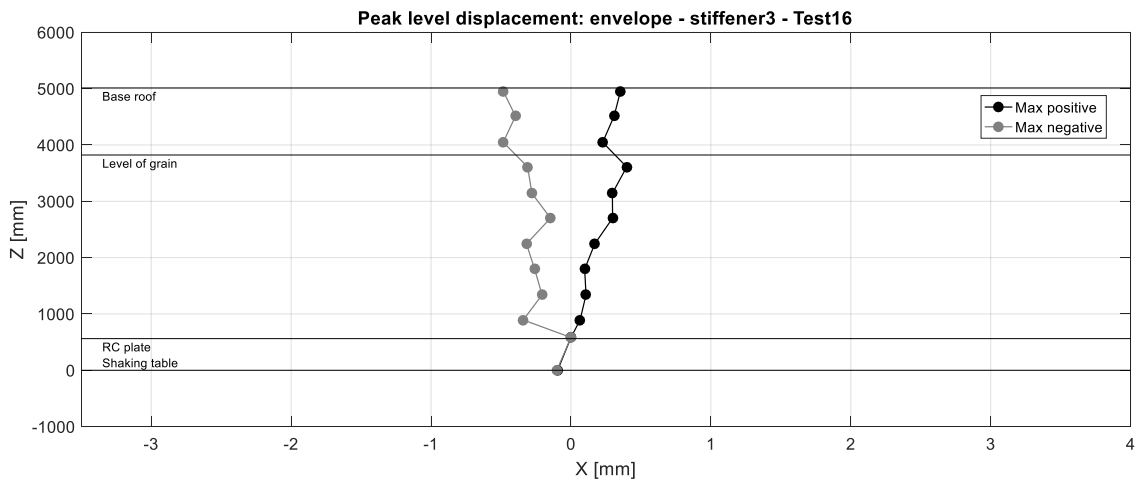
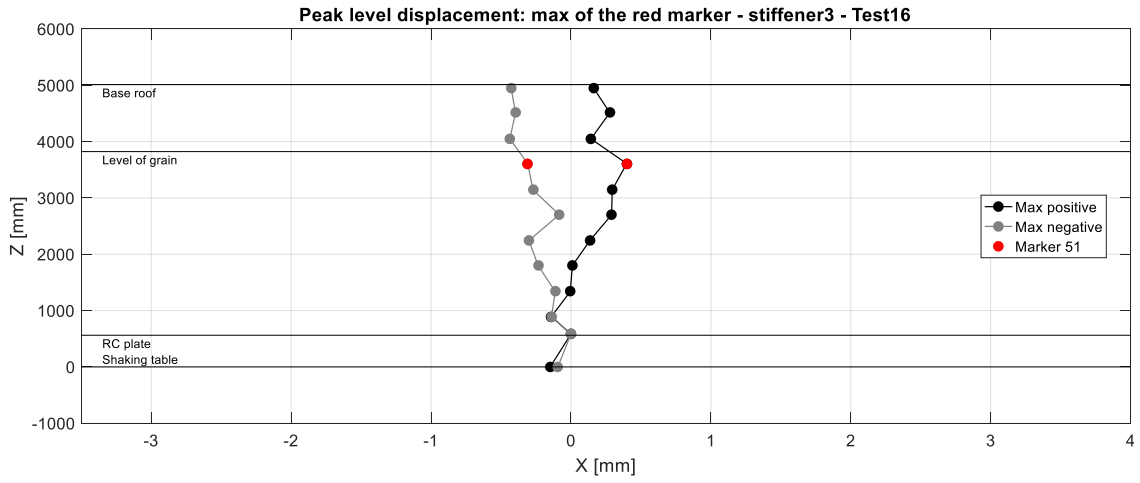
Montante 1



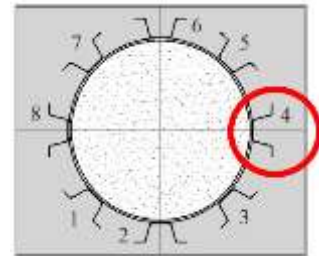
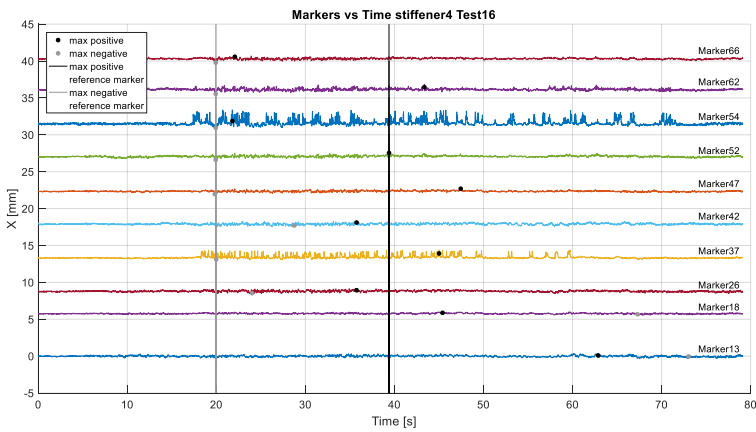
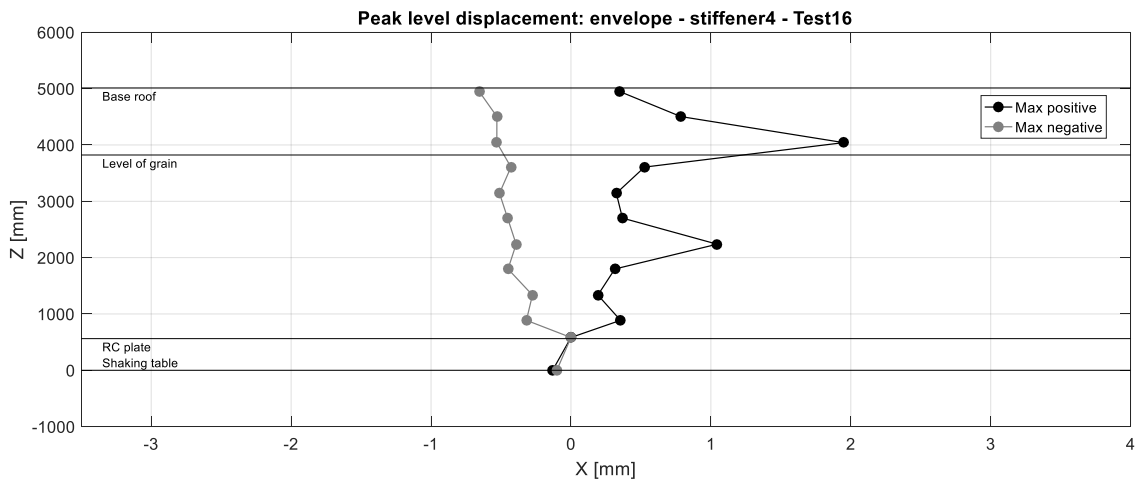
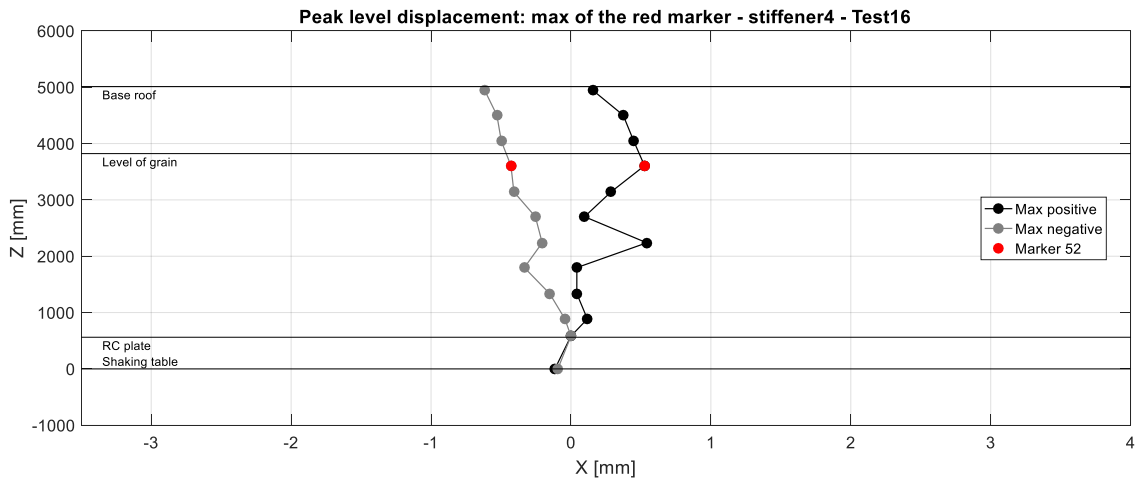
Montante 2



Montante 3

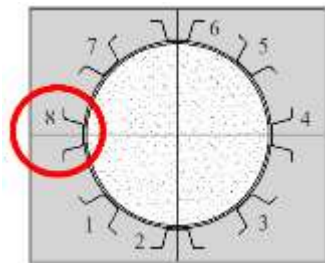
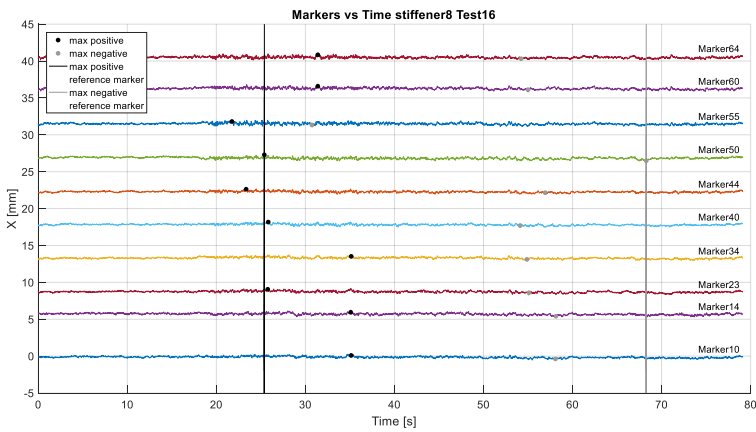
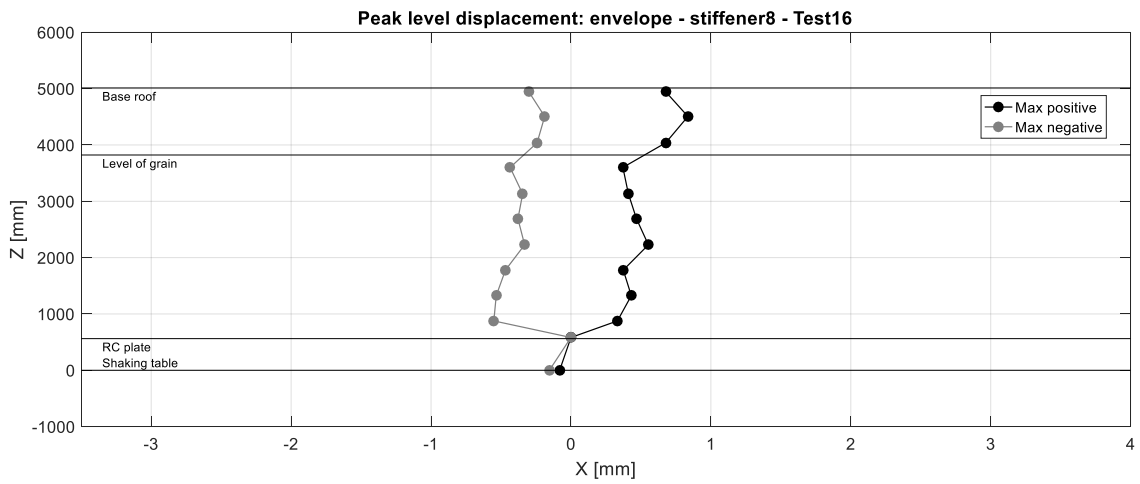
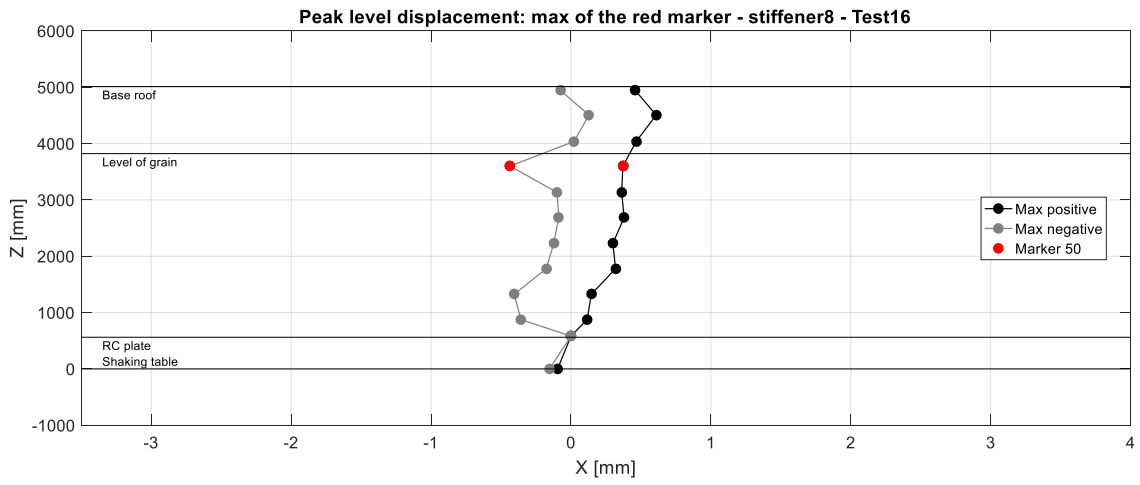


Montante 4



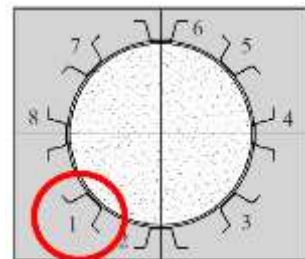
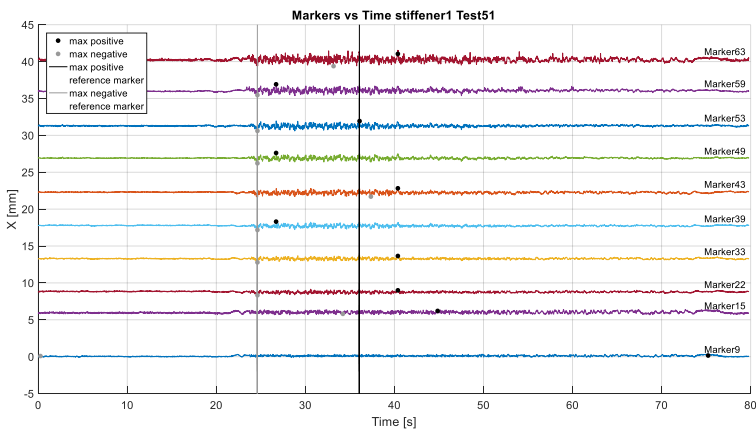
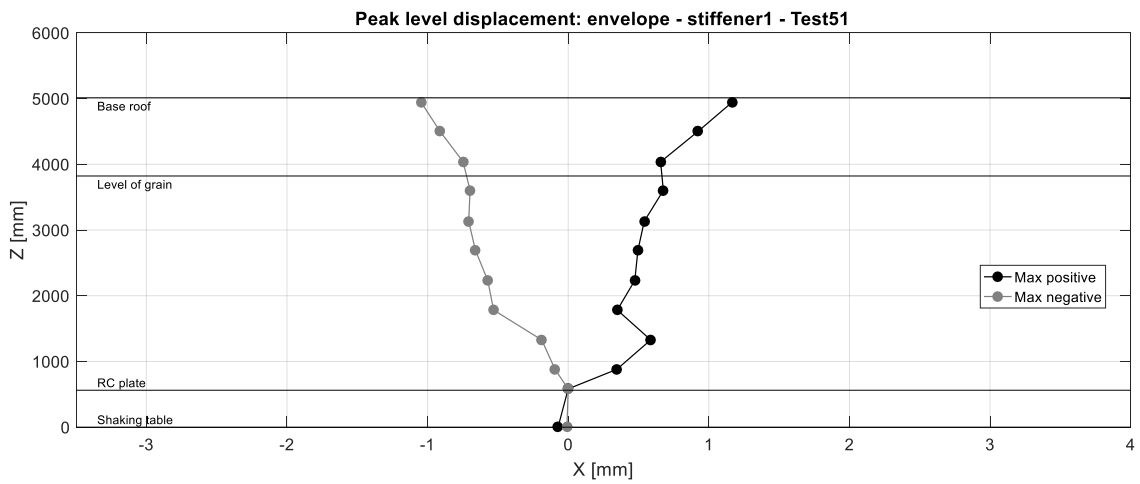
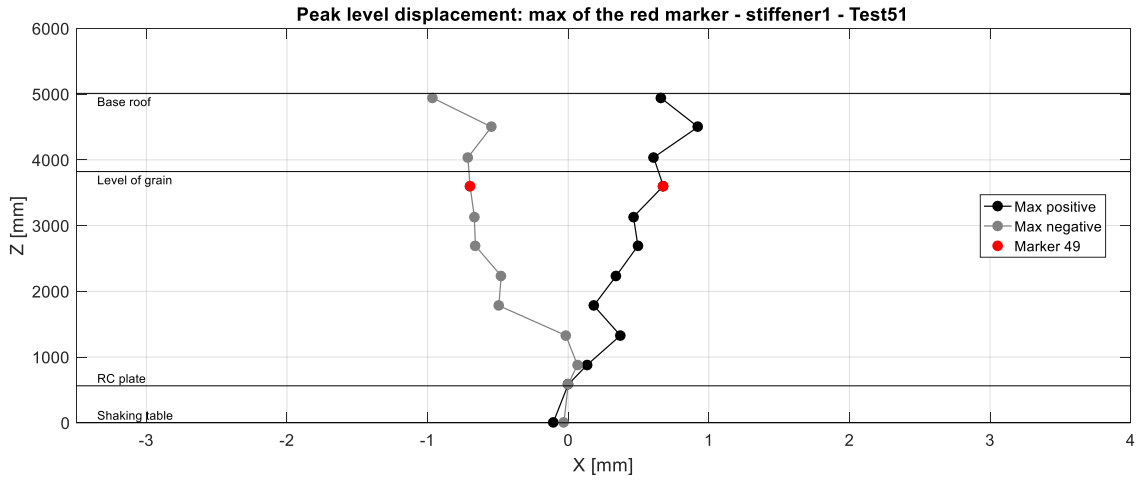


Montante 8

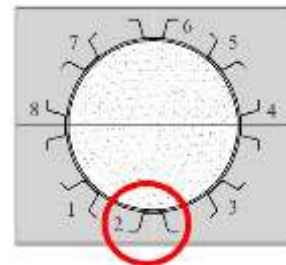
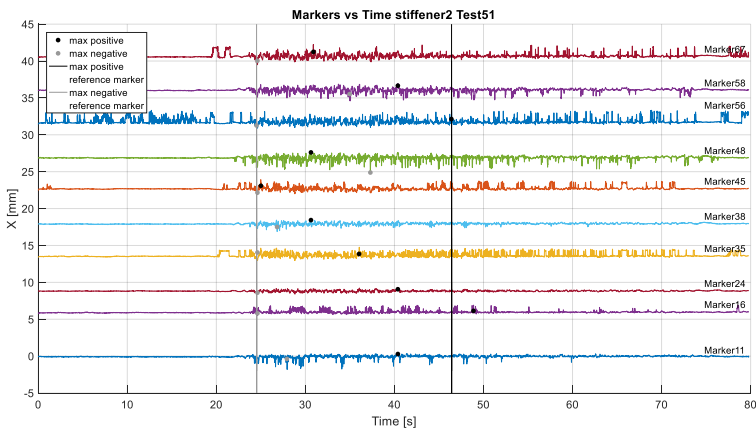
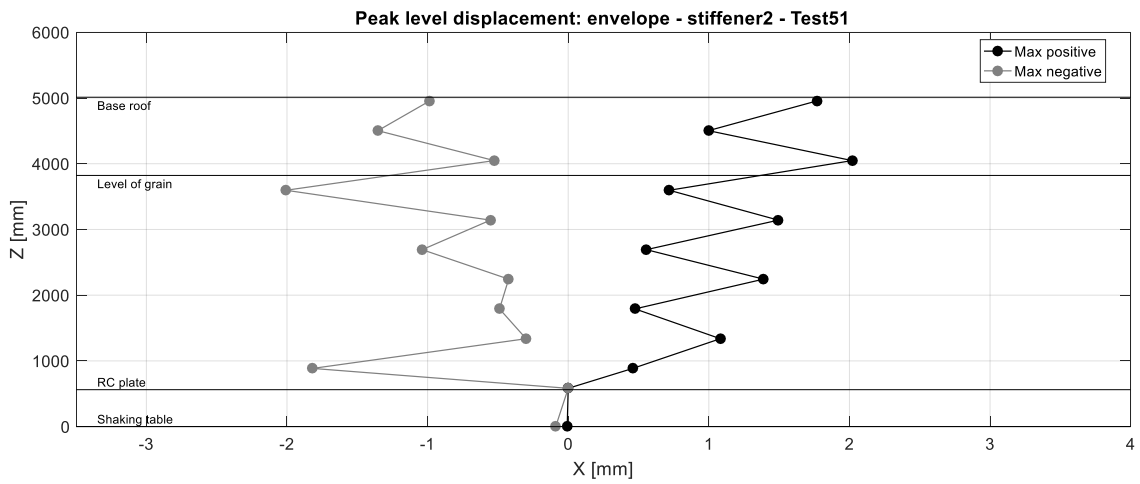
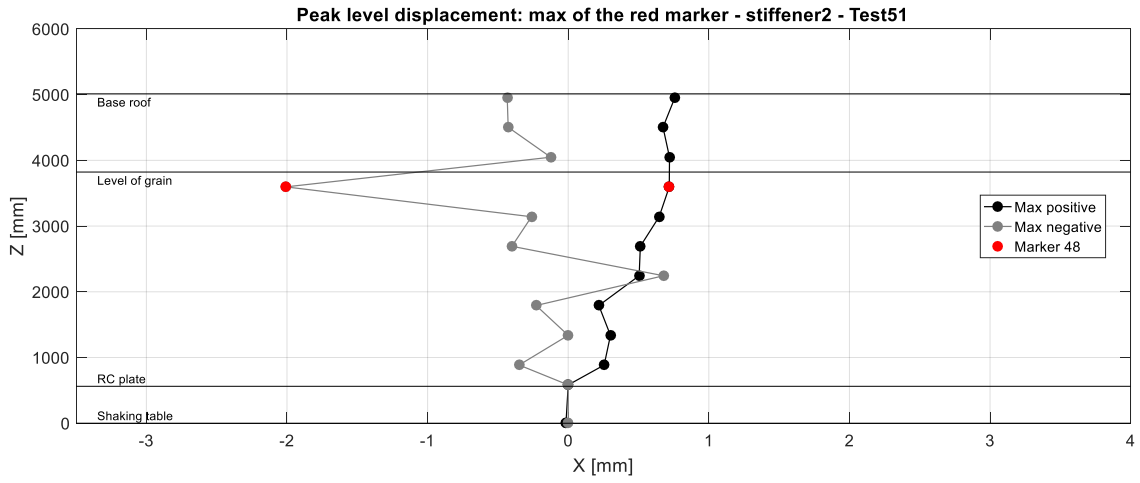


Earthquake input A1 0.3 g: Test 51

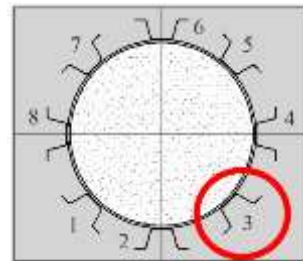
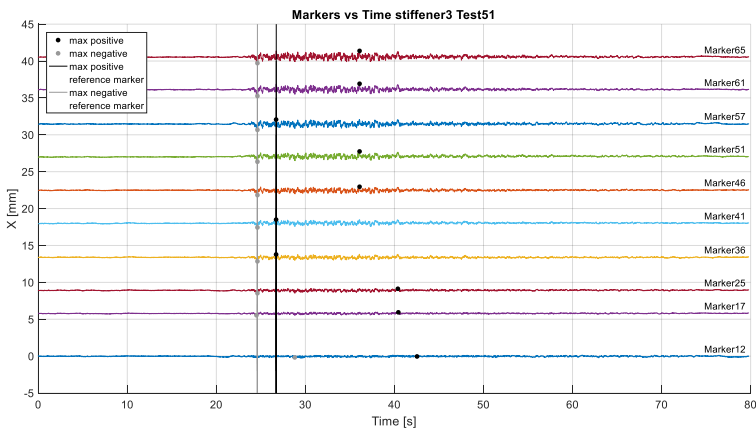
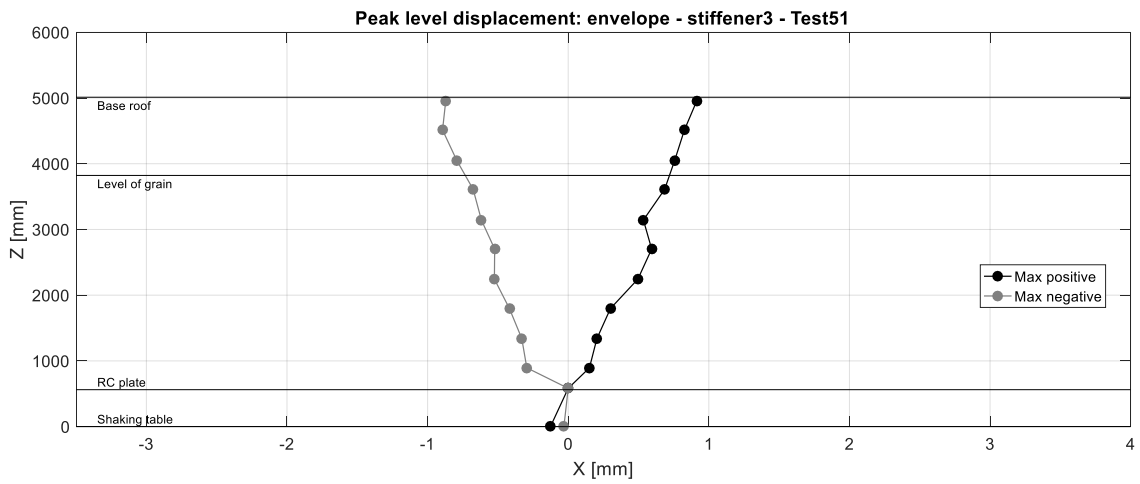
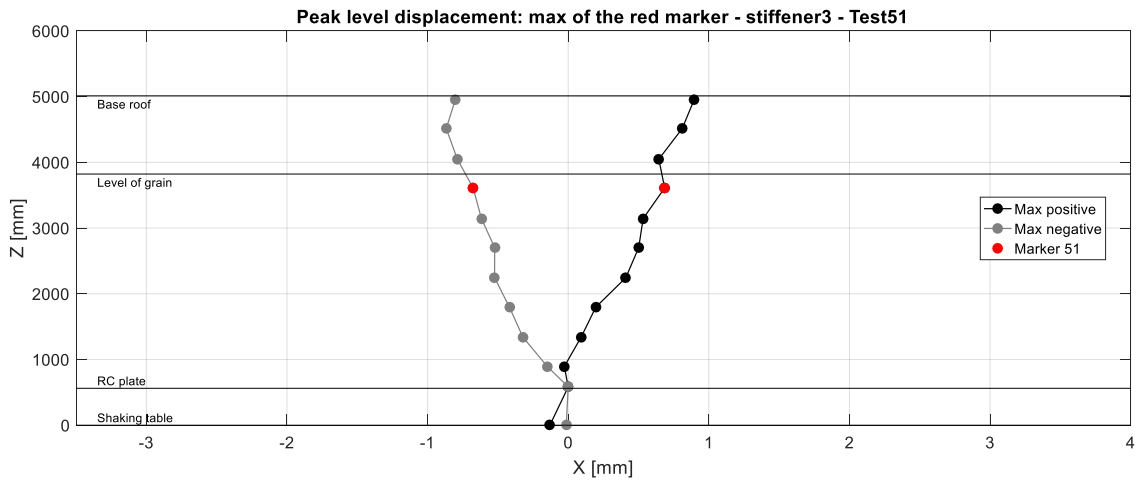
Montante 1



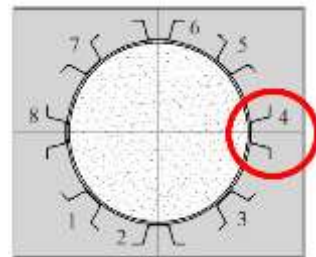
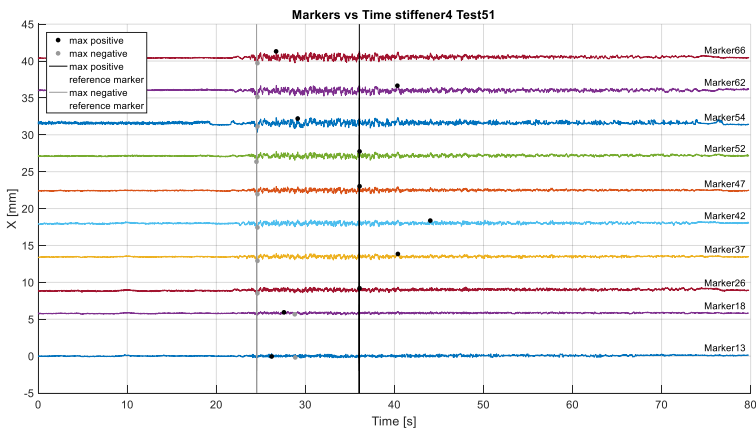
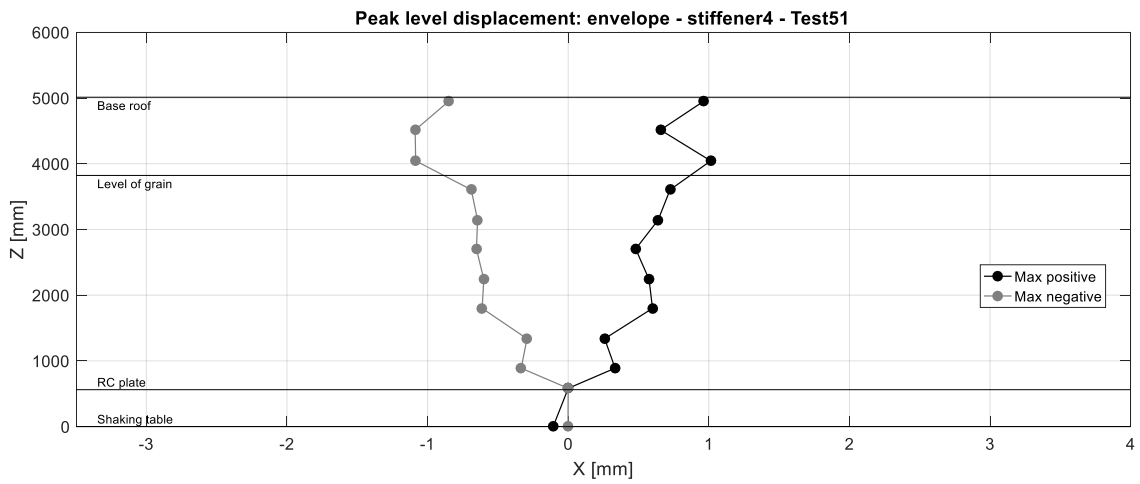
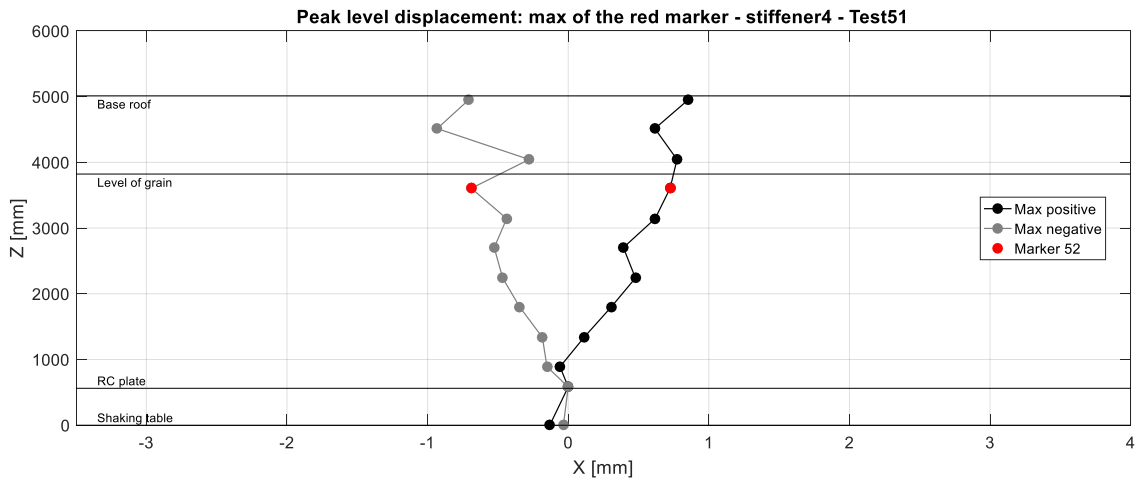
Montante 2



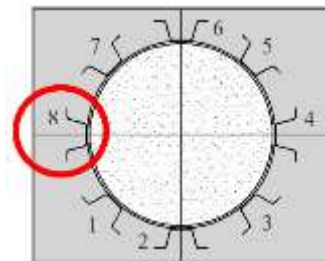
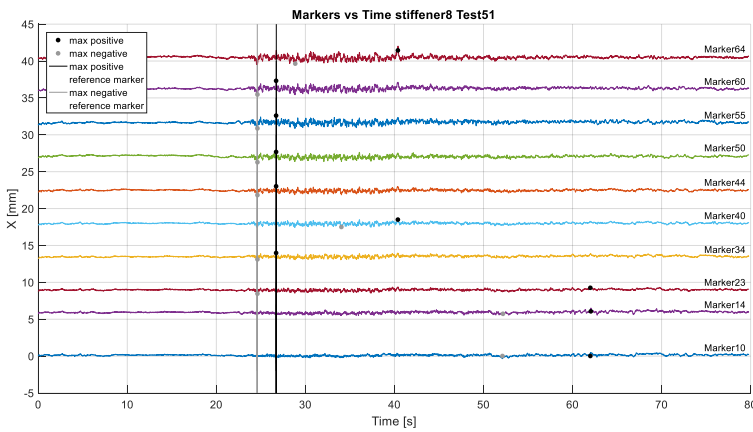
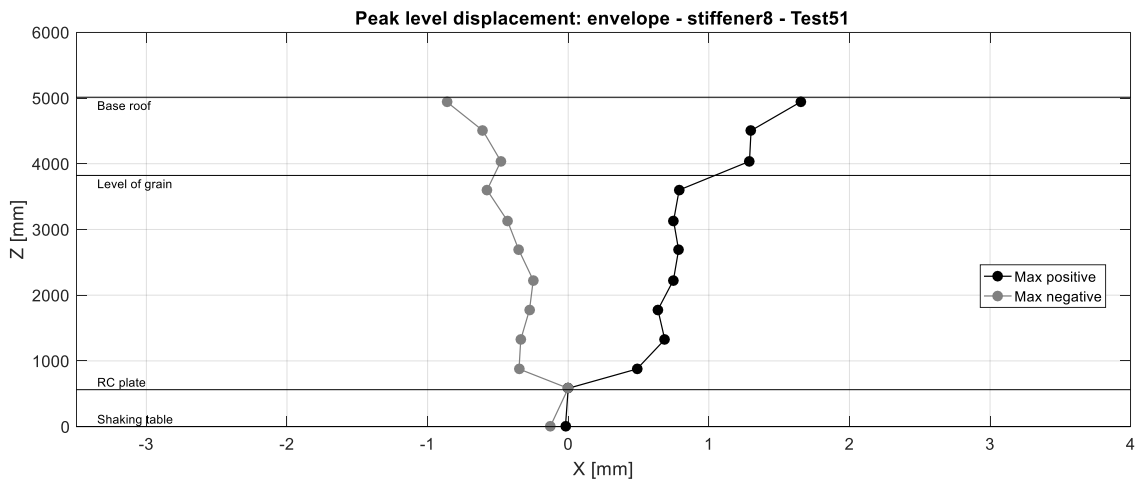
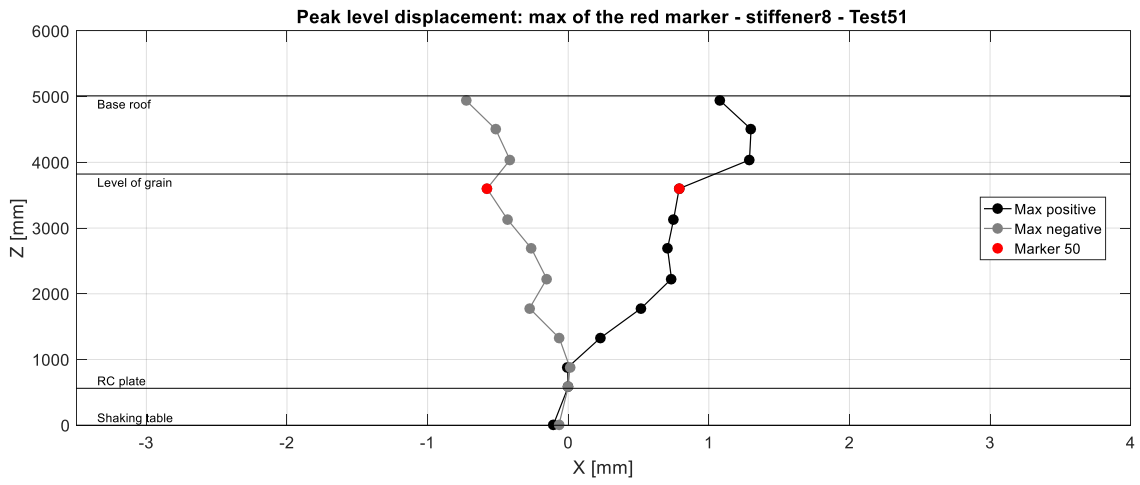
Montante 3



Montante 4

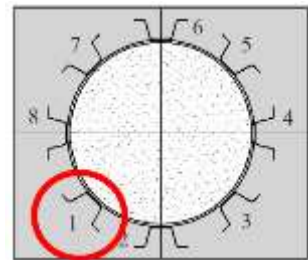
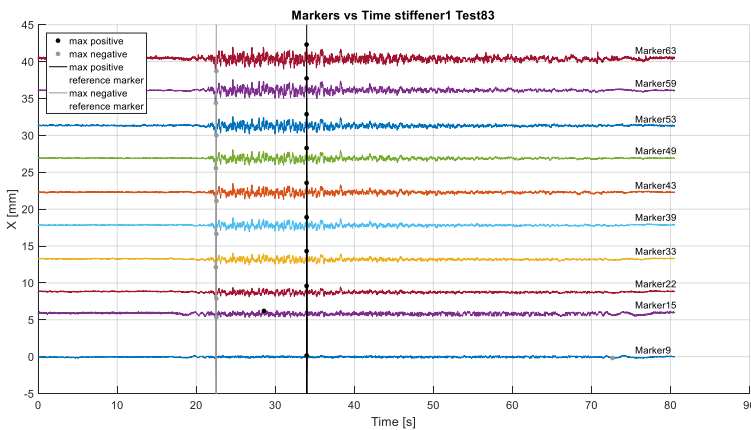
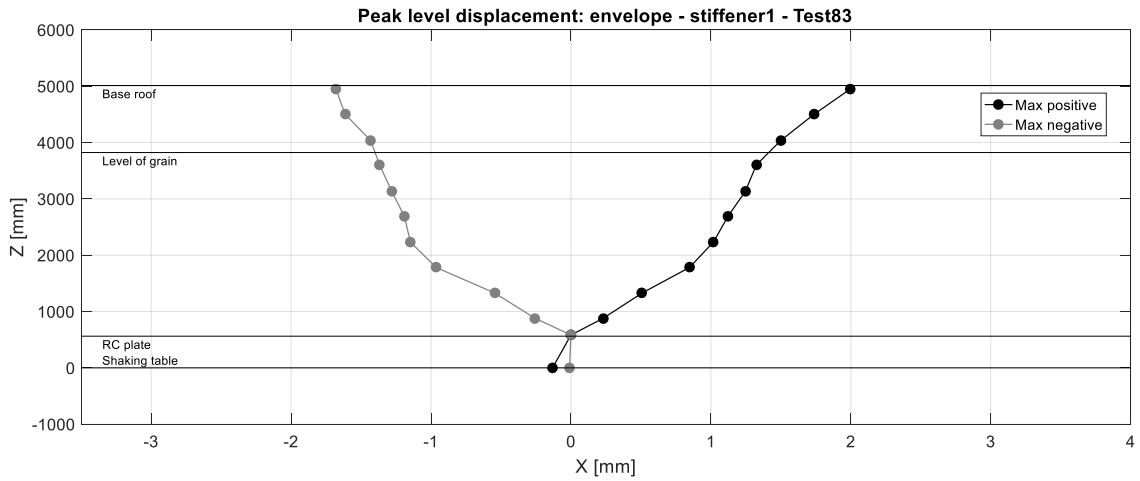
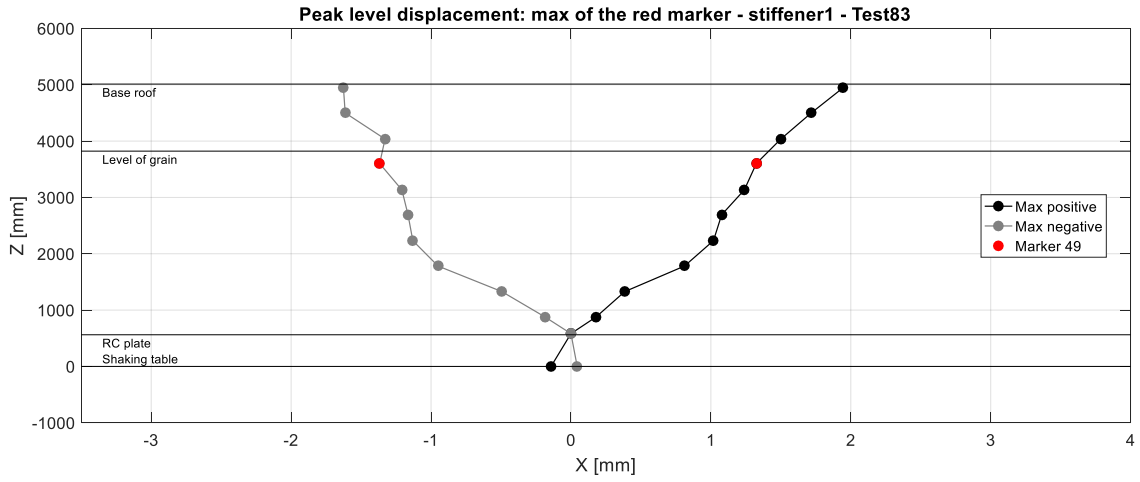


Montante 8

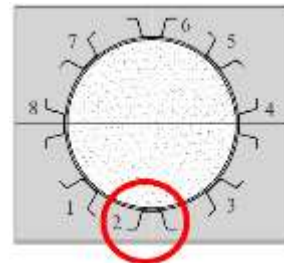
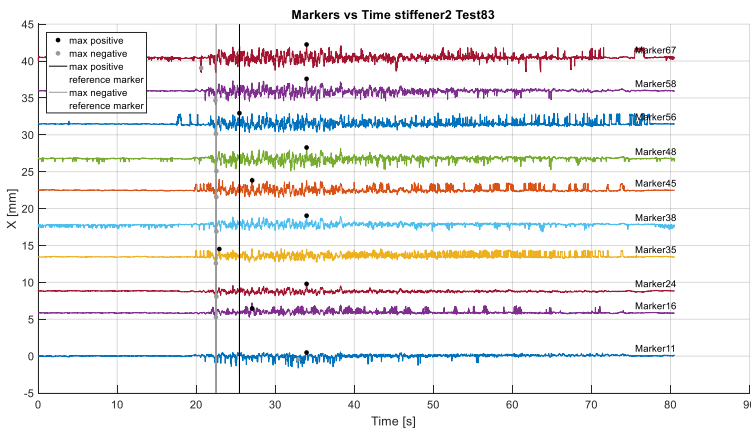
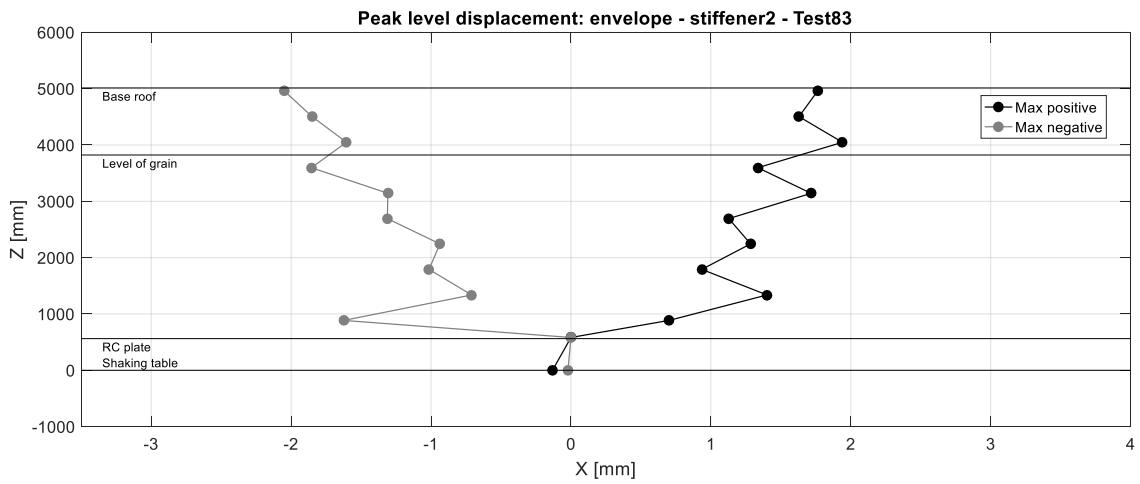
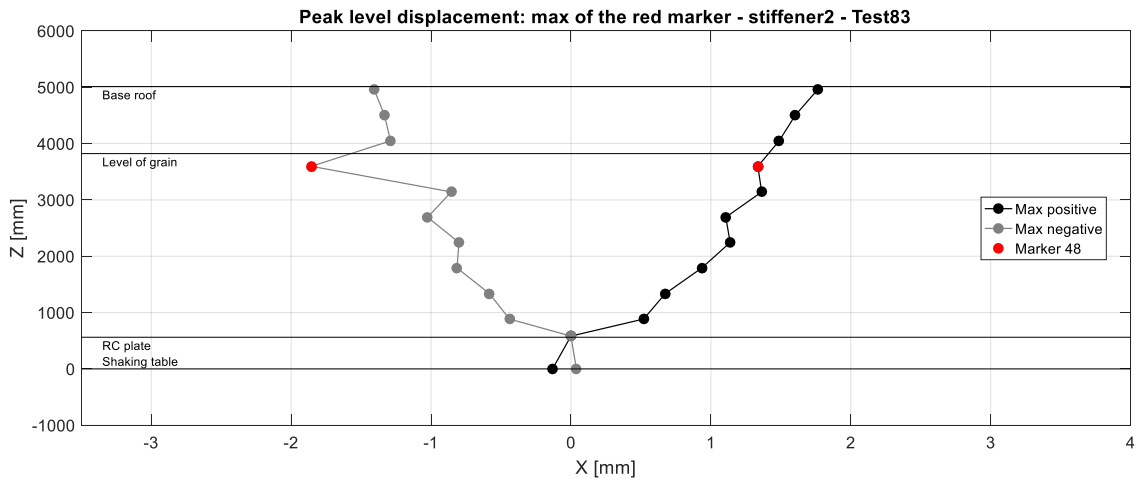


Earthquake input A1 0.5 g: Test 83

Montante 1

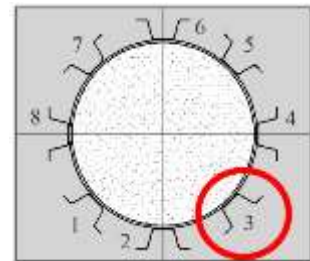
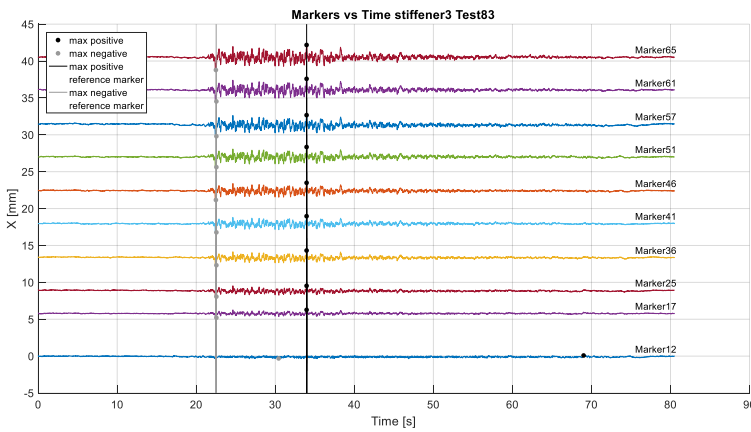
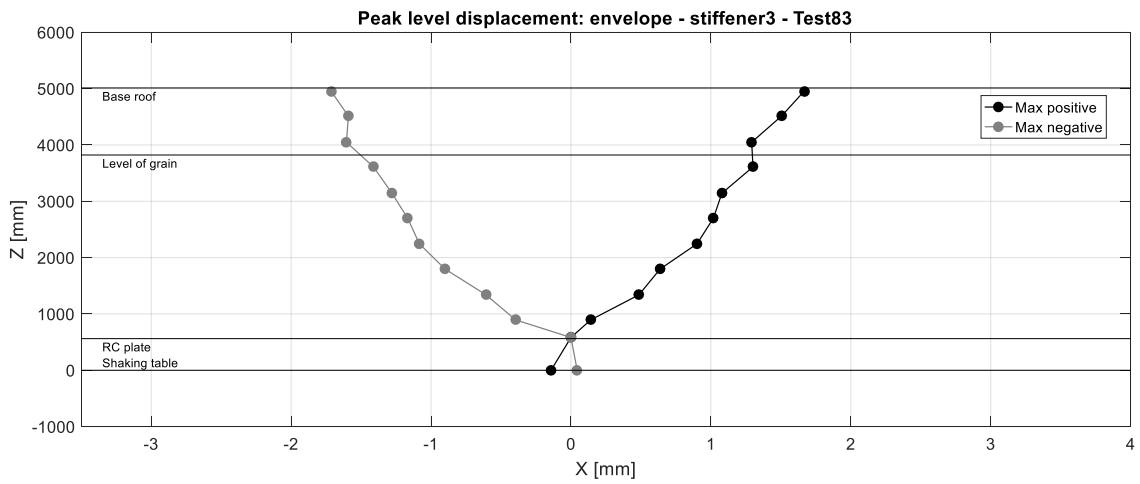
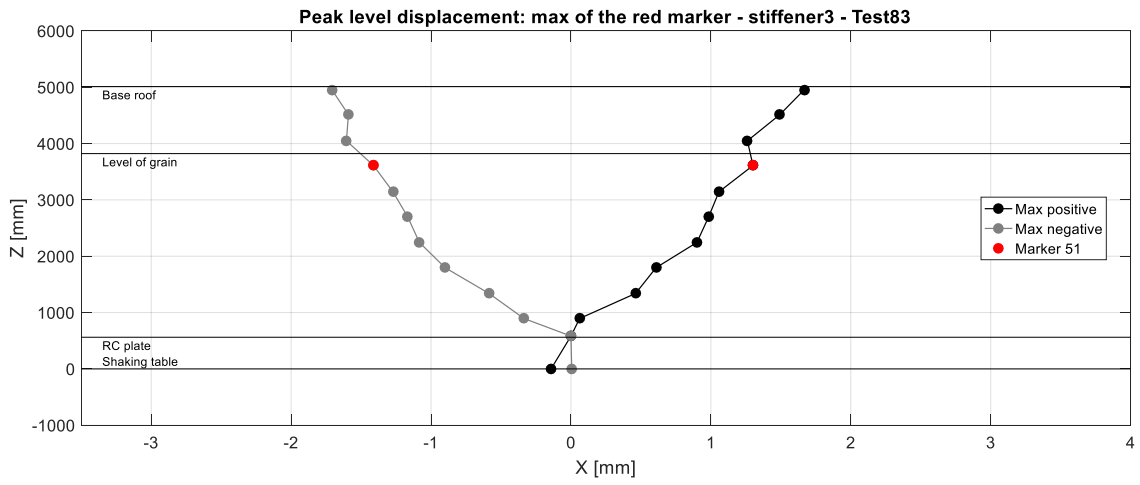


Montante 2

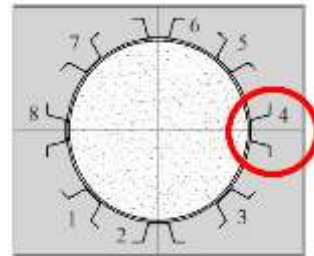
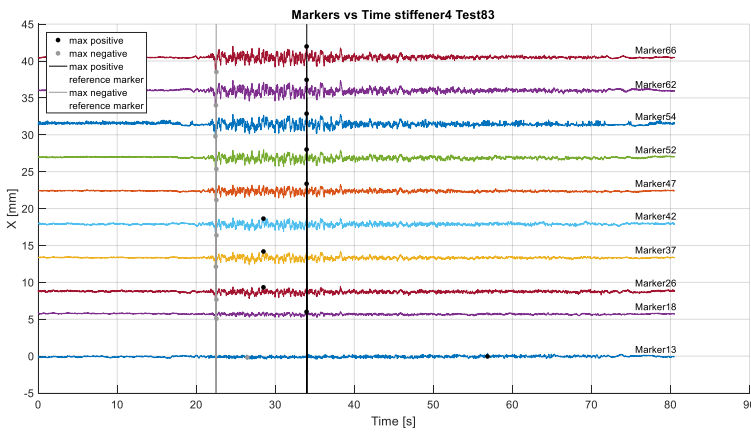
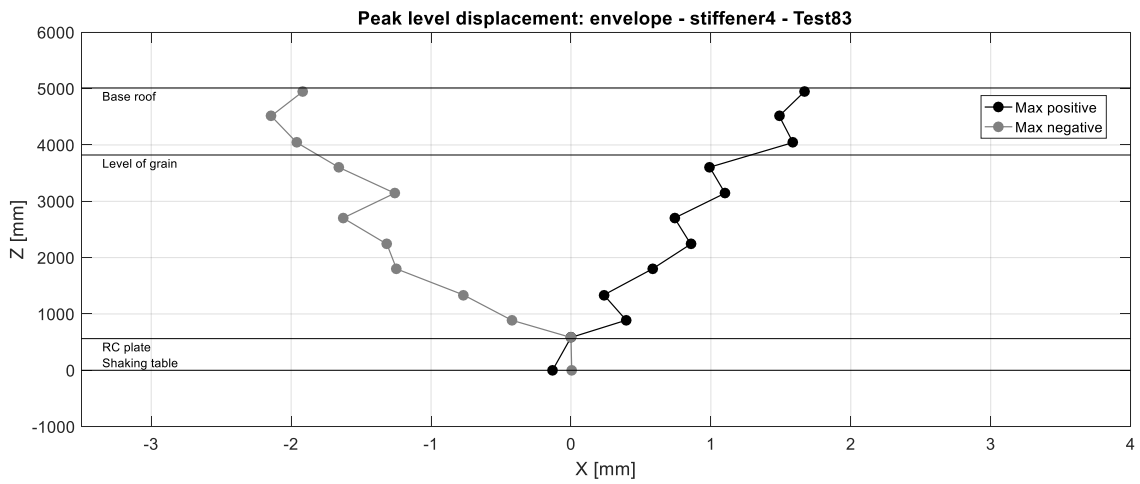
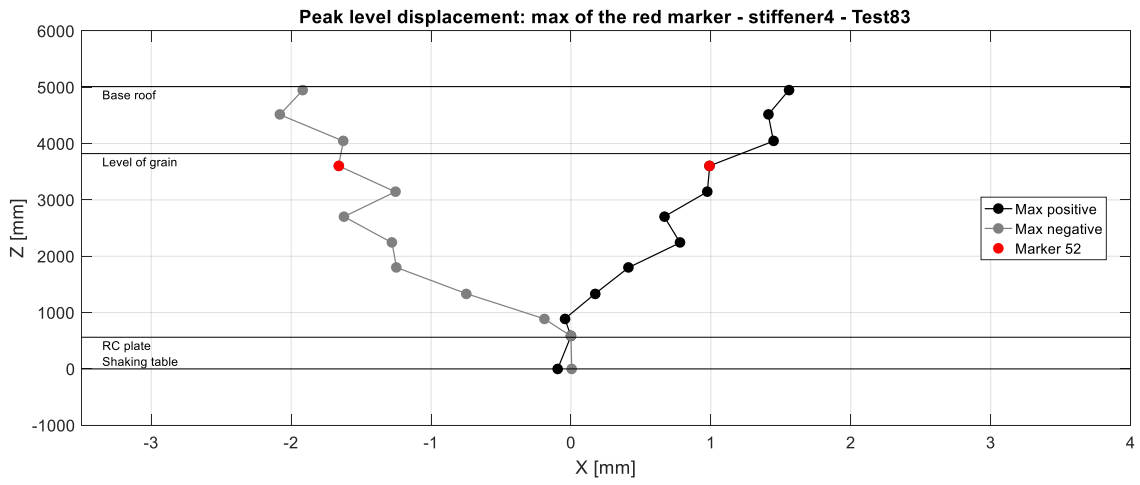




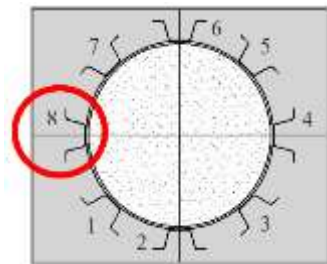
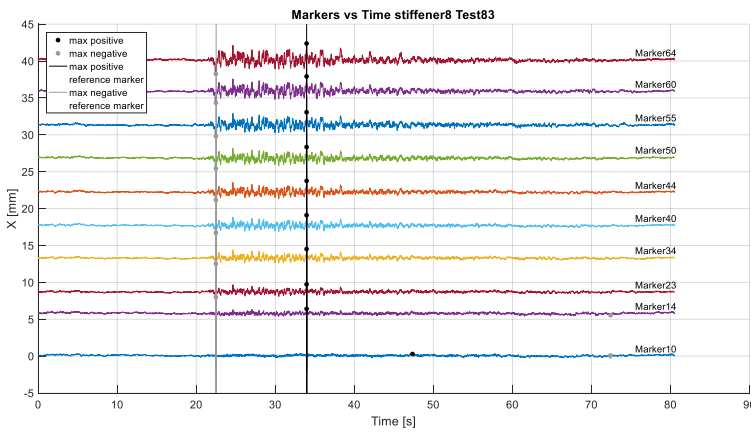
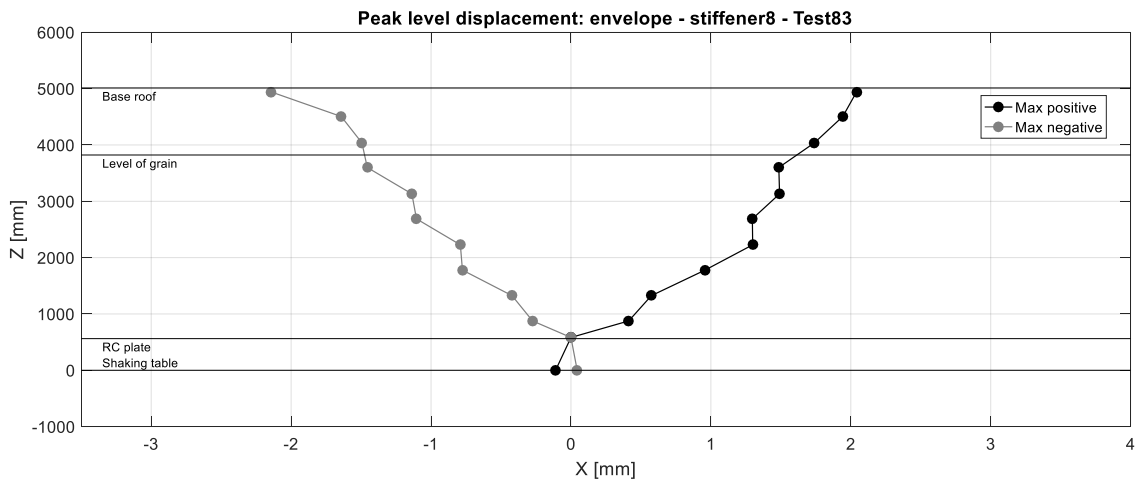
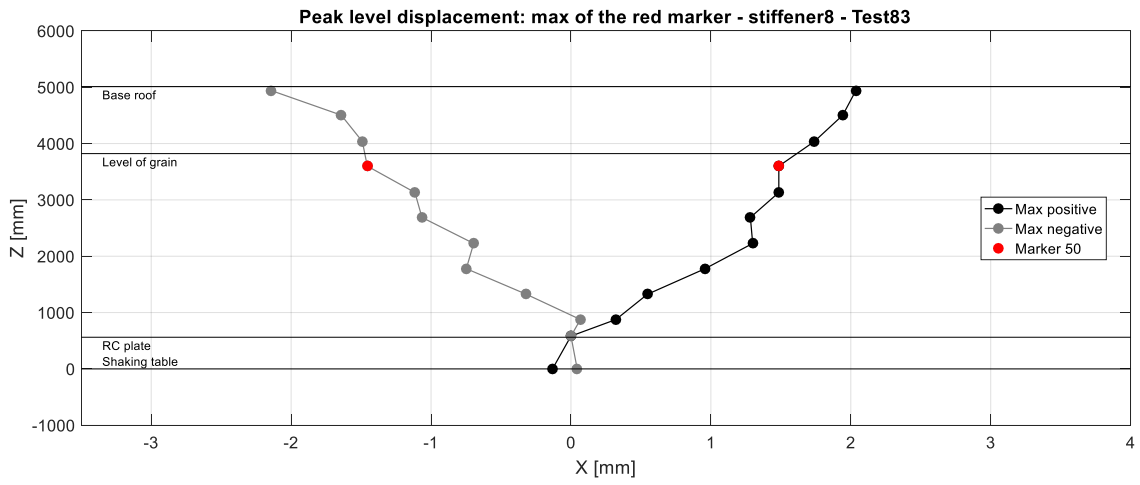
Montante 3



Montante 4

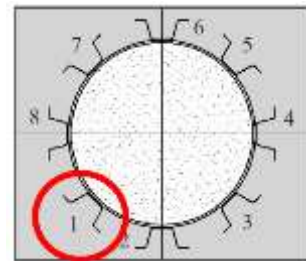
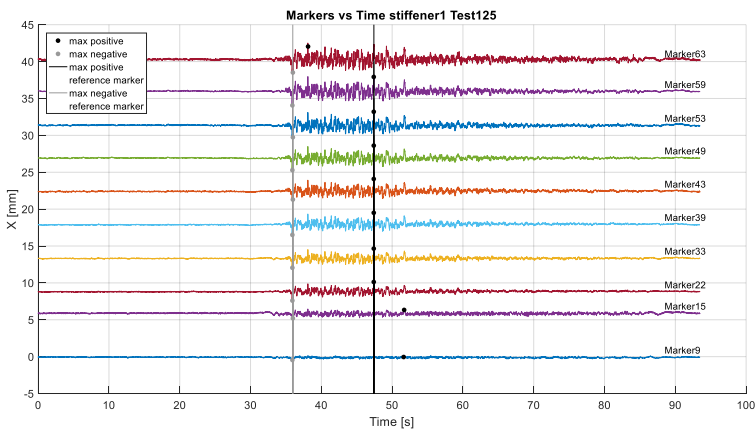
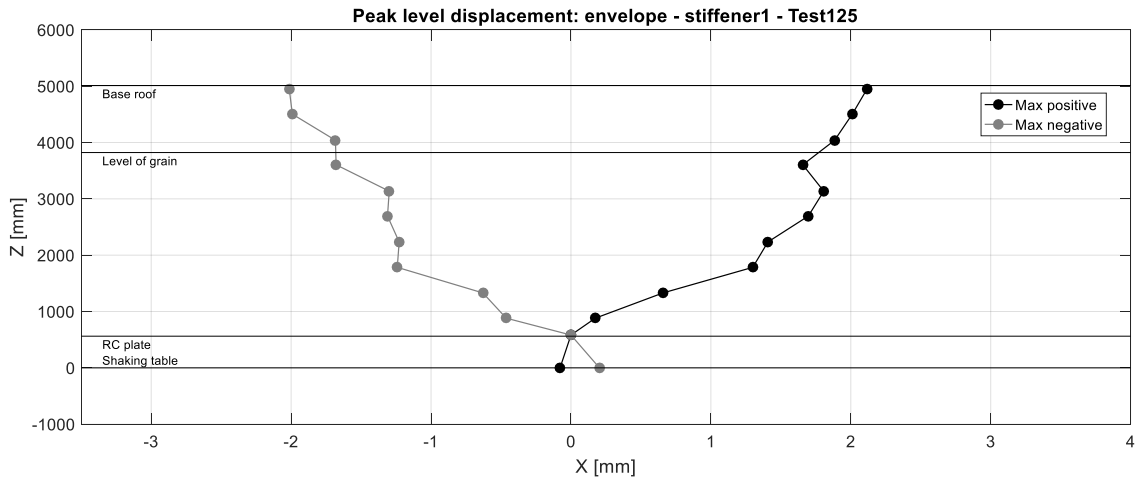
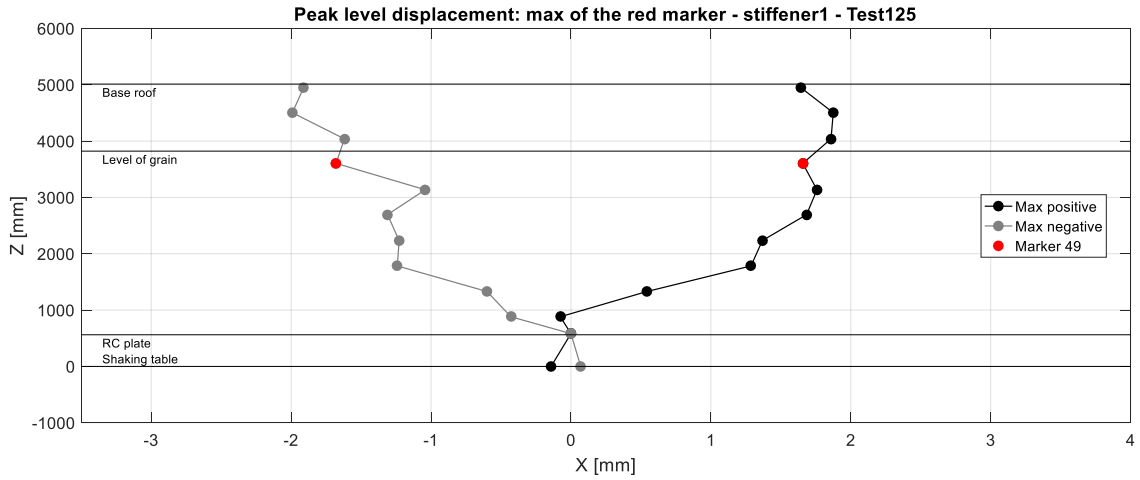


Montante 8

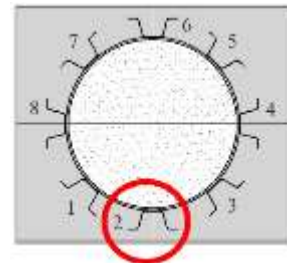
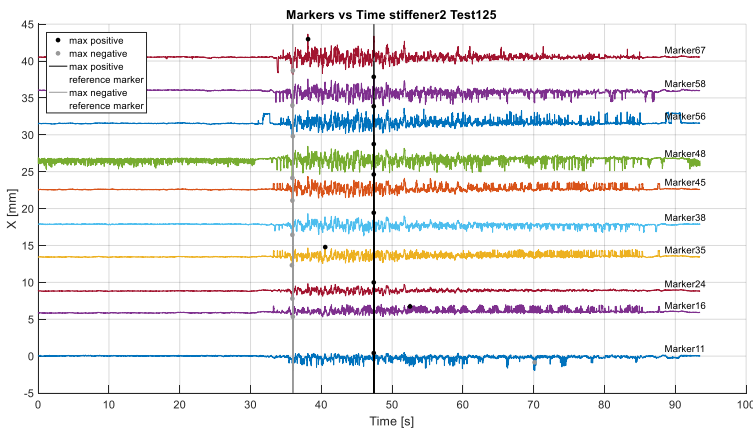
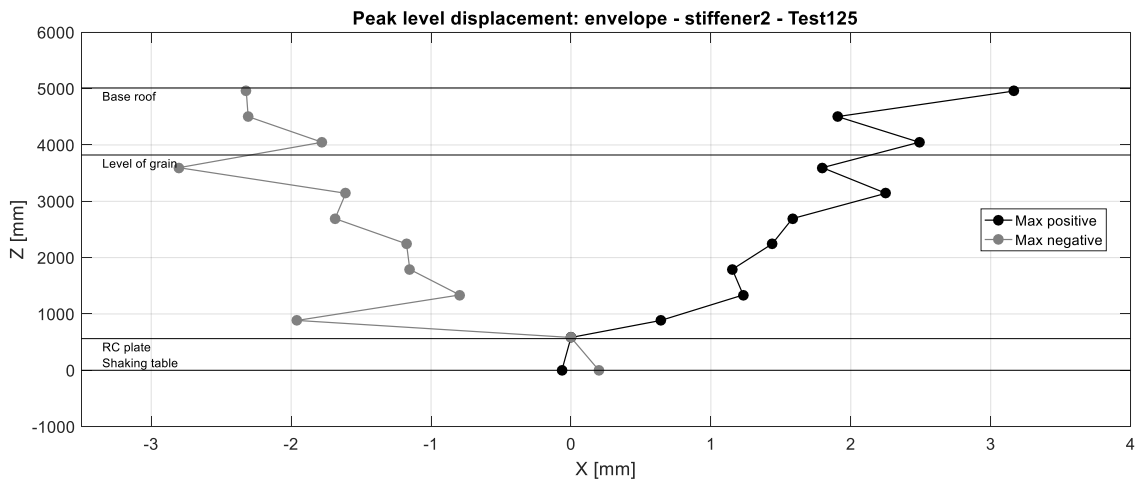
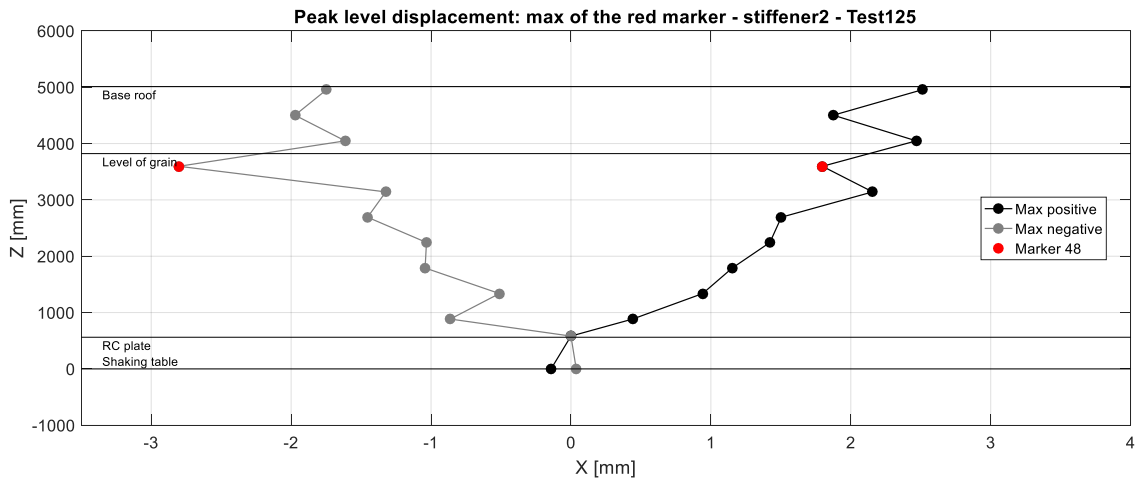


Earthquake input A1 0.6 g: Test 125

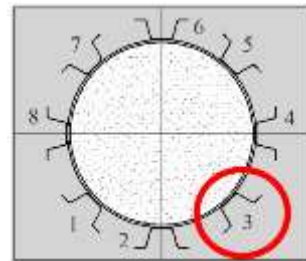
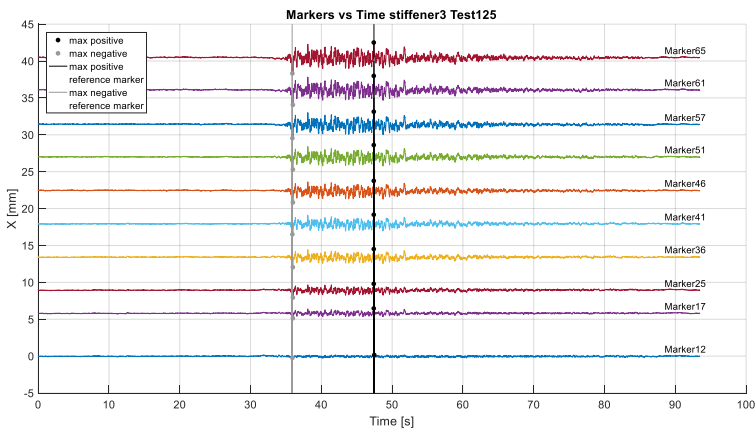
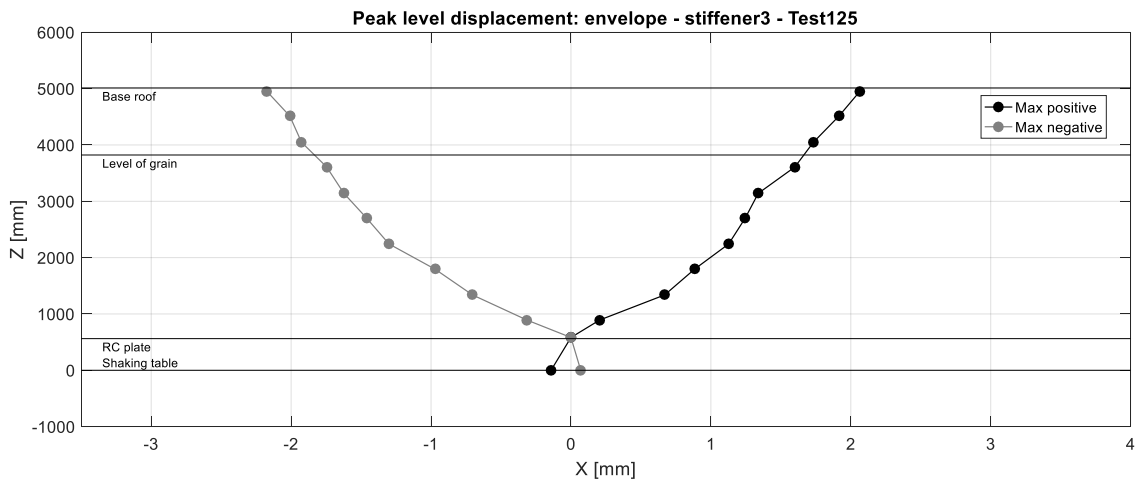
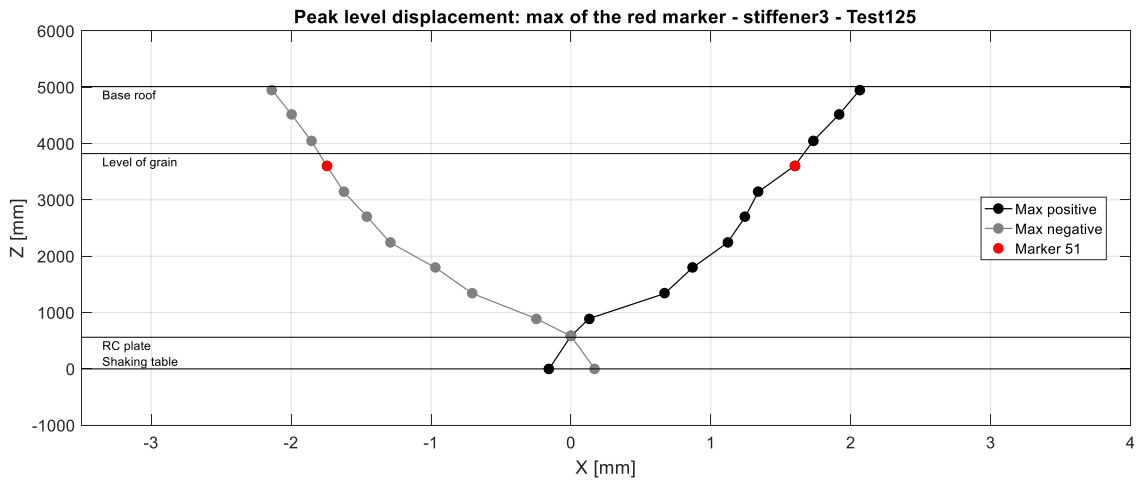
Montante 1



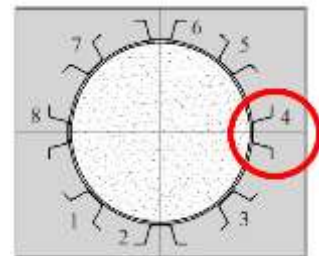
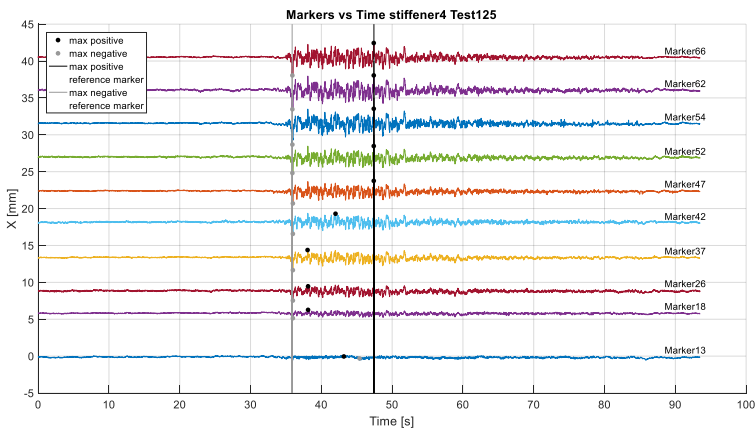
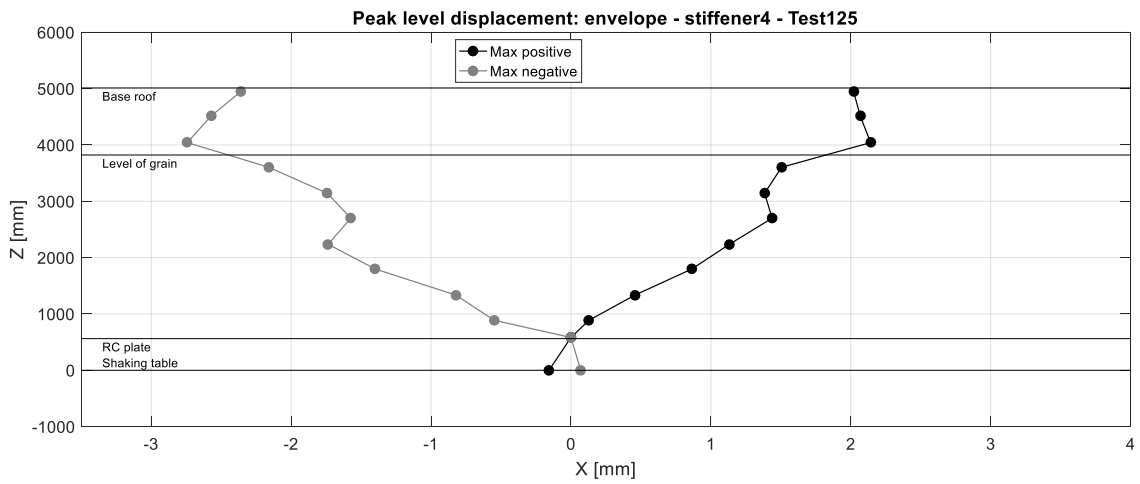
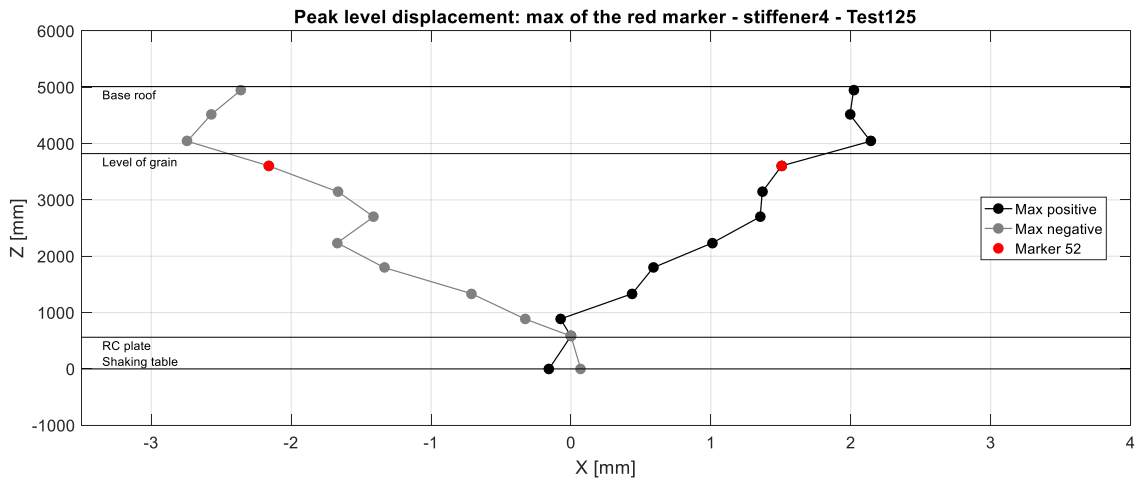
Montante 2



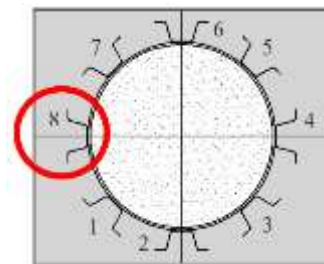
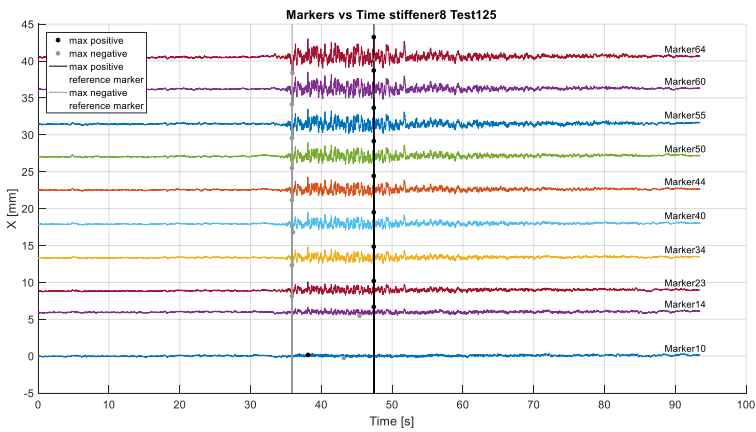
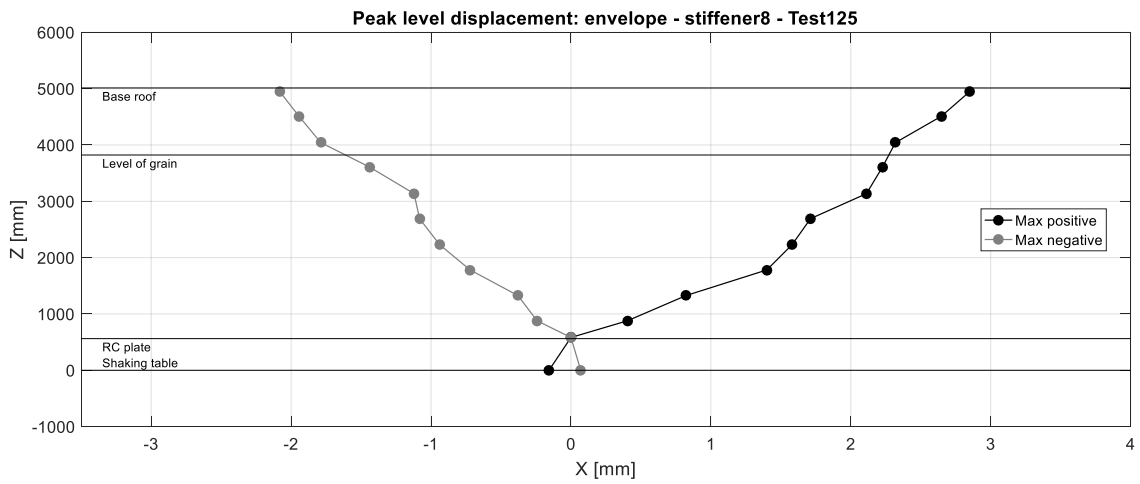
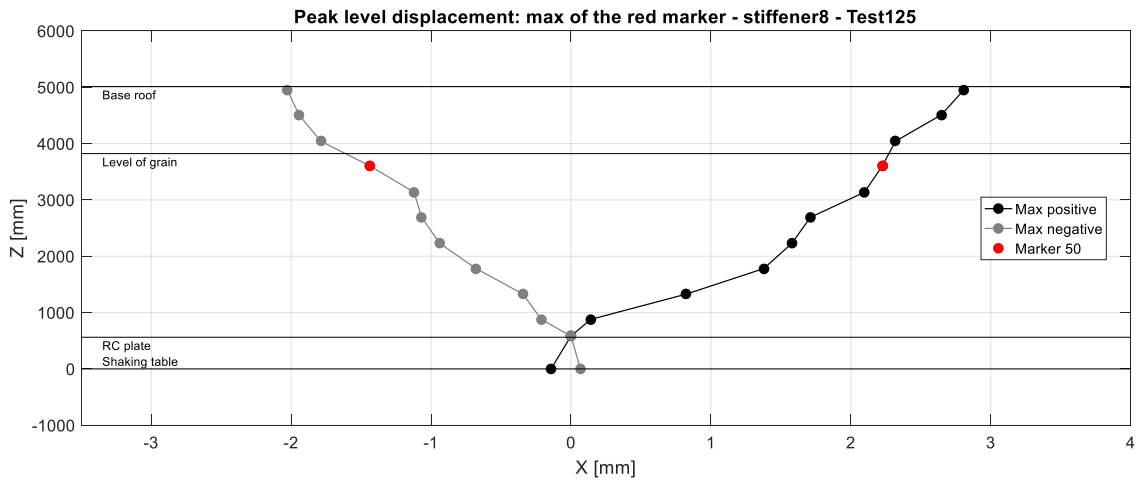
Montante 3



Montante 4



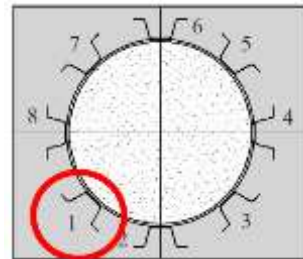
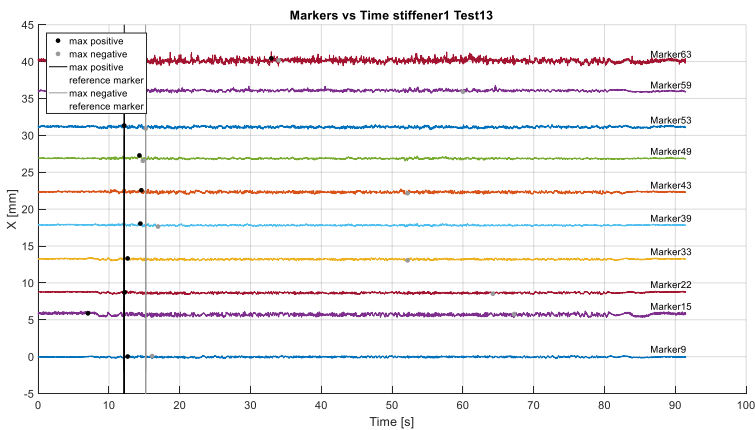
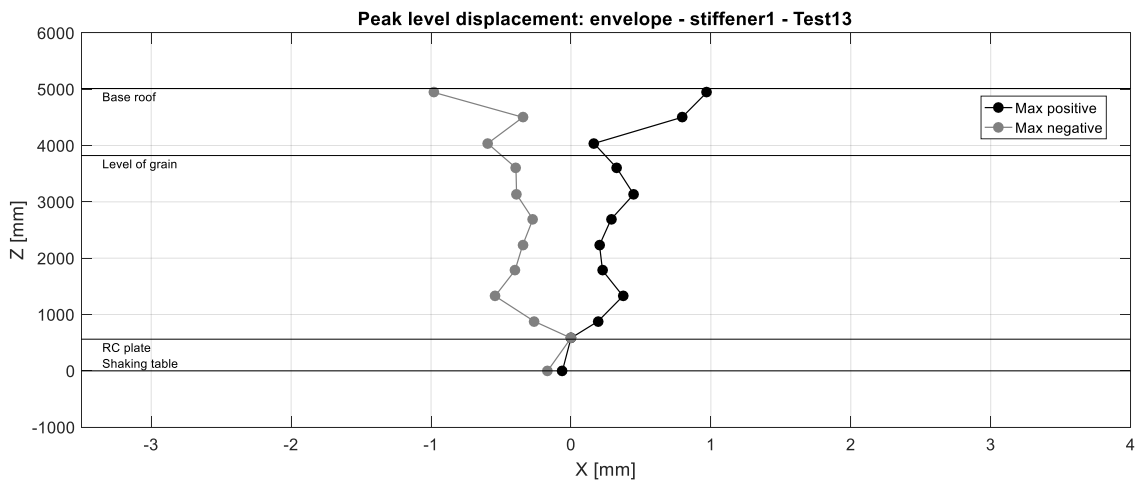
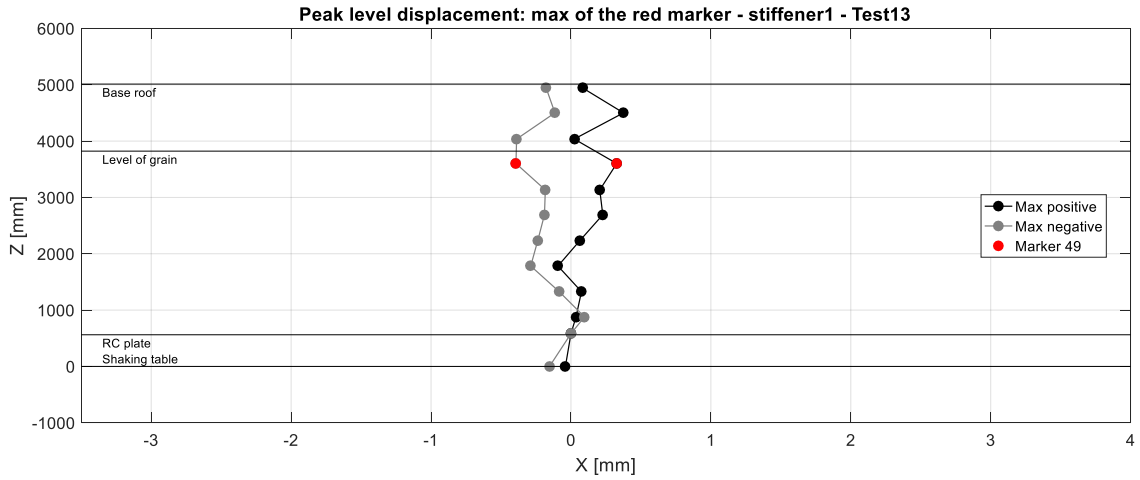
Montante 8



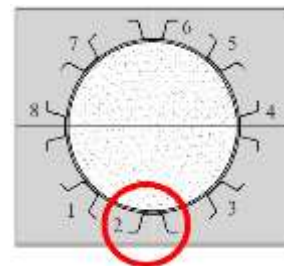
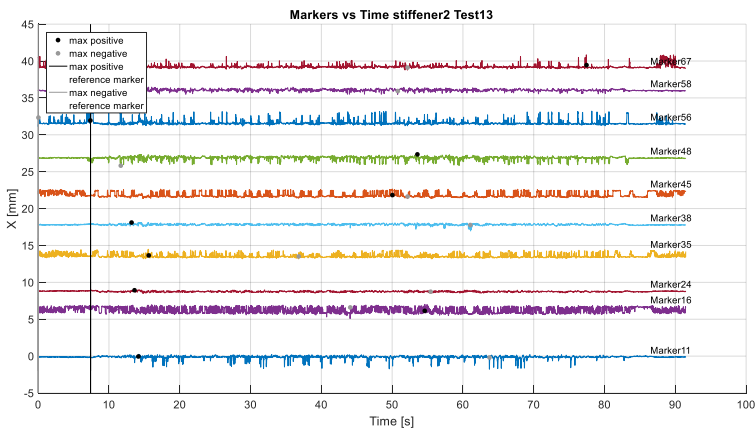
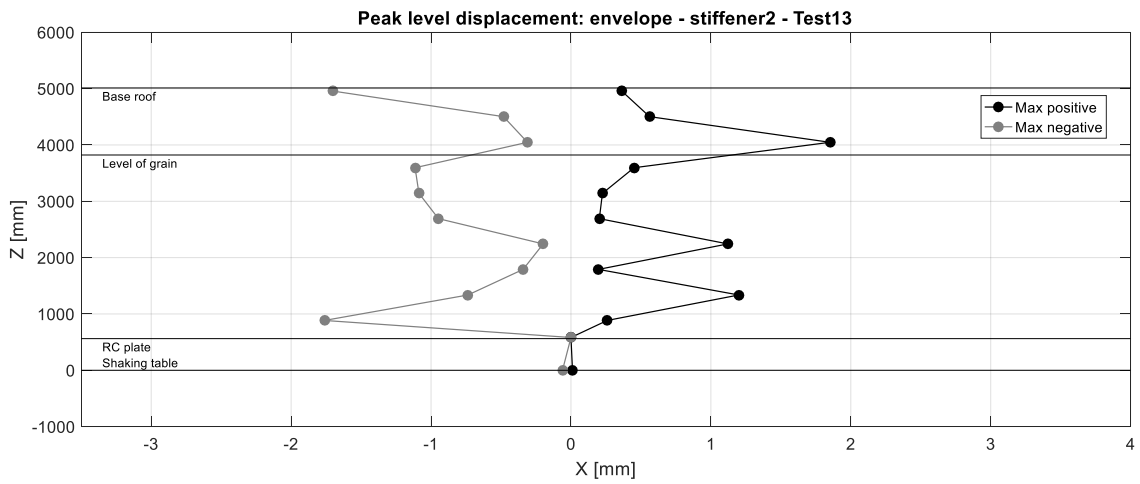
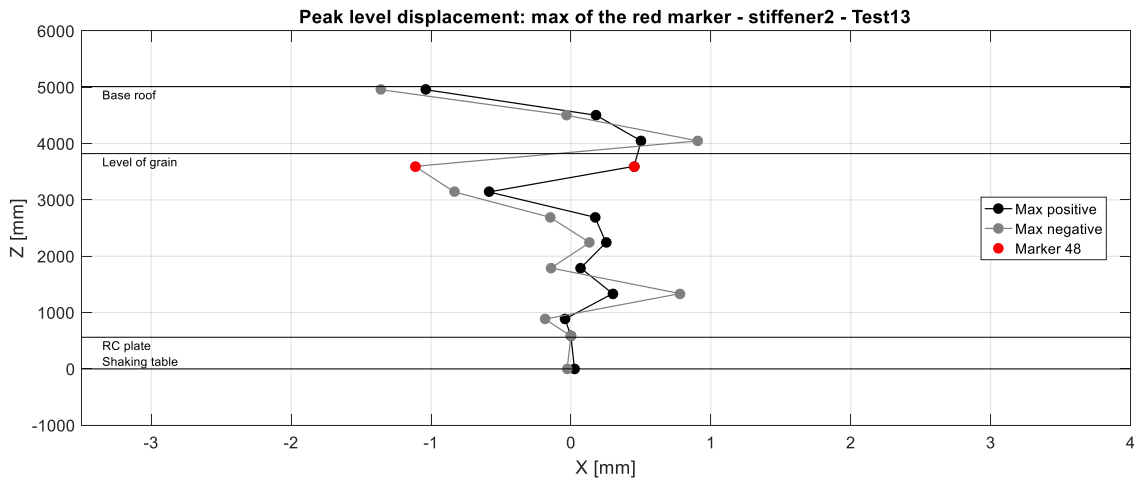


Earthquake input RS1 0.1 g: Test 13

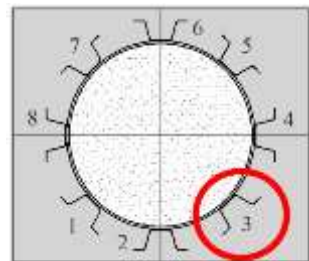
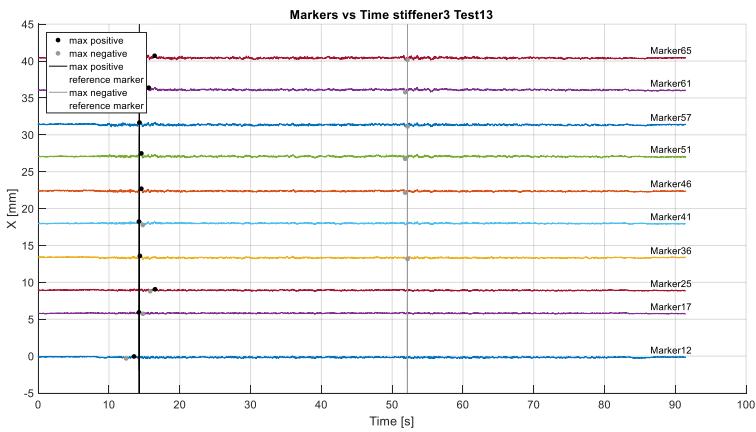
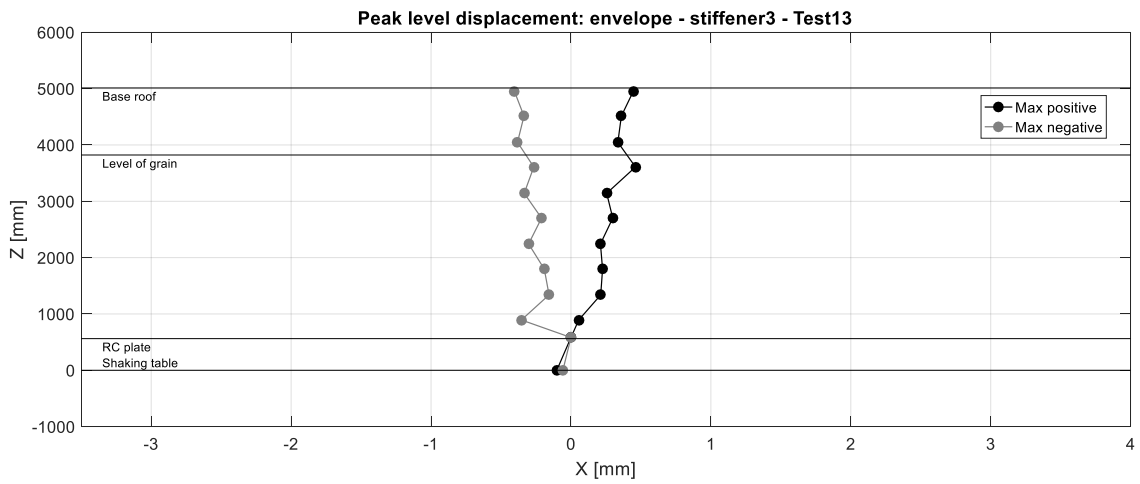
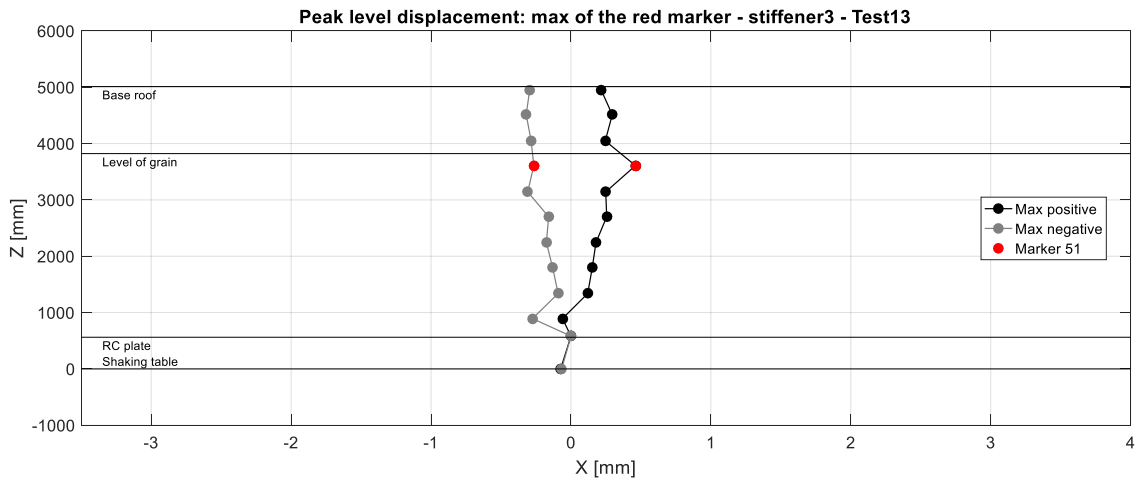
Montante 1



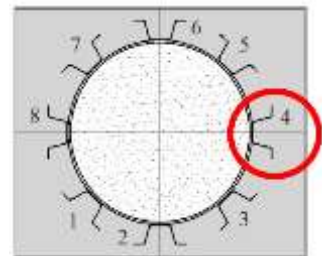
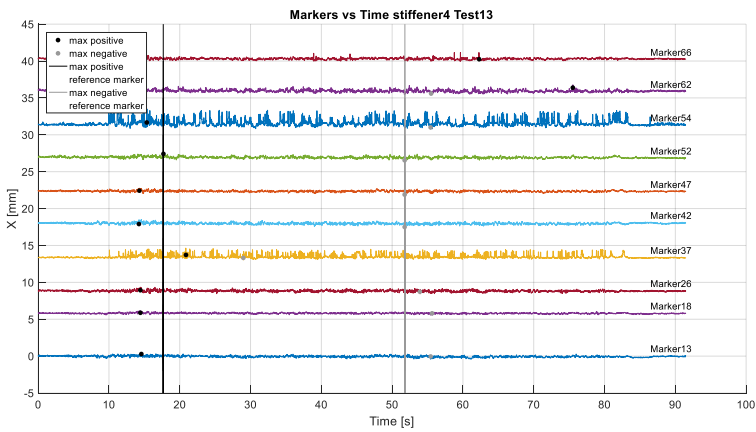
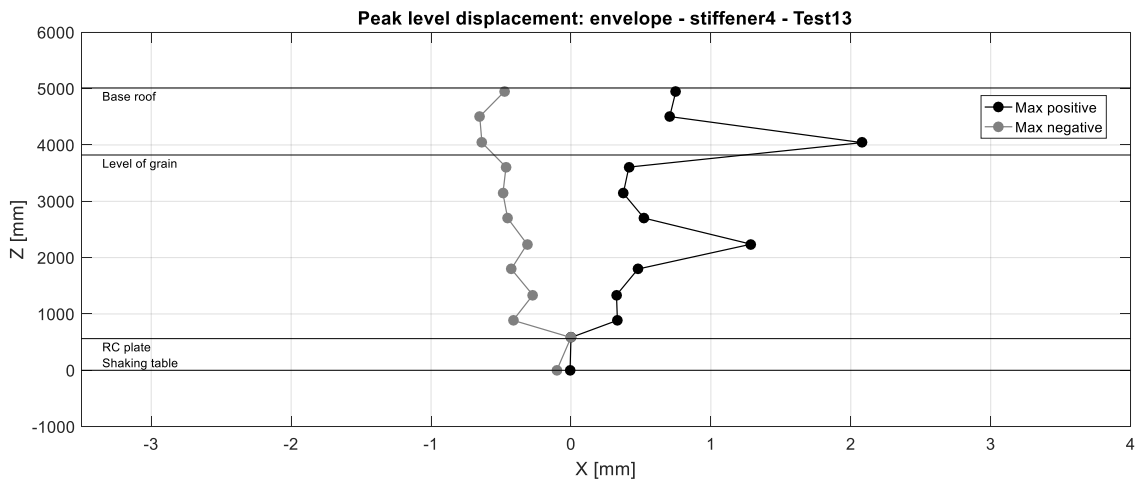
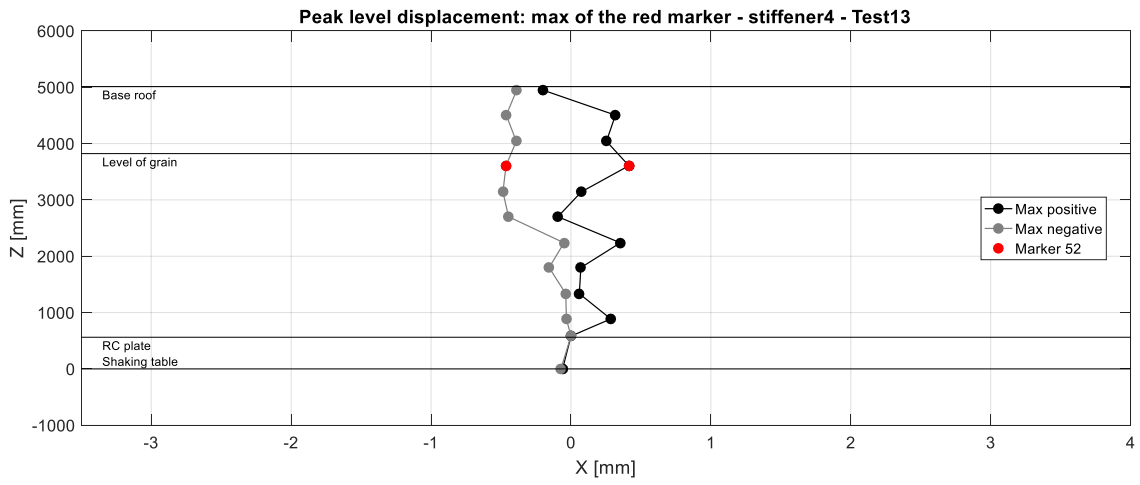
Montante 2



Montante 3



Montante 4



Montante 8

