

# TEST REPORT

## KEIL – Undercut Fixing



### Material

Description : Tozzetti  
Size of Panel : 200mm x 200mm x 8,7mm  
Manufacturer / Supplier : Mirage  
Date of order : 02.02.2016

### Test Description

Anchor : KEIL-Undercut- Façade anchor  
Insertion Depth :  $h_s = 5,5$  mm  
Drill Hole Size : cylindrical  $\varnothing 7$  mm  
undercut  $\varnothing 9$  mm  
Tested Minimum Edge Distance : 100 mm  
Type of Drill : KEIL Diamond Facade Drill Bit  
Type of Load : Central Pull  
Support :  $\varnothing 70$  mm

### Test Results

sample no.	fracture load [ KN ]	type of rupture	
		excavation cone	breakage of sheet
1	2,0	$\varnothing 40$ mm	
2	1,98		X
3	1,97	$\varnothing 40$ mm	
4	1,98		X
5	1,92	$\varnothing 30$ mm	
6	2,14	$\varnothing 40$ mm	
7	2,08	35x45 mm	
8	1,86	$\varnothing 35$ mm	
9	2,15	$\varnothing 40$ mm	
10	1,89	$\varnothing 35$ mm	

Arithmetic: Average: **2,00 KN** (Kilo Newton)

Coefficient of variation **5,0 %**

5% quantile(75%) **1,80 KN**

Tested by:

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The testing has been performed with the greatest precision and care. We will not assume any liability for the above test results and we will not assume any third party's liability against us. For verification of the test results they may be confirmed from another source with our complete support and fullest co-operation. The tested materials and pieces will be maintained at our facility for a time period of four weeks.

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