Job site test report acc. to ETAG 020 resp. TR 051

Pull out testing for n ≥15 plastic anchors

The test report shall include all information necessary to assess the resistance of the tested plastic anchor or screw. It shall be included in the construction documents. The following information is necessary.

Construction work Street, postcode, place		
Year of construction		
Type of ETICS to be fixed type of board thickness of board		
System supplier Name, contact details		
Type of masonry acc. to ETA (strength class)	☐ Concrete (A) ☐ Solid bricks (B) ☐ Hollow bricks (C)	☐ Lightweight aggregate concrete (D) ☐ Autoclaved aerated concrete (E) ☐ _____
Thickness of old render in	_____ mm	
Type of **rotary hammer tool** Manufacturer and product name		
Drilling method	☐ hammer drilling	☐ rotary drilling
Drill bit Manufacturer and product name		
Type of drill bit	☐ hammer drill bit	☐ masonry drill bit
Cutting diameter, measured value	_____ mm	
Type of **ETICS anchor** according to ETA-No. Type of plastic anchor (D x L) according to ETA – No.		
Embedment depth h_{nom} into base material (w/o old render)	_____ mm	
Type of test rig (F_{max} in kN)		

Test Nr.	Value N_u [kN]	The five smallest measured values N_u [kN]	Mode of failure
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
$\bar{x}$			N1 = Mean Value of the five smallest measured values

Evaluation of test results

Characteristic resistance $F_{Rk1} = 0{,}5 * N_1 =$ _____ [kN] ≤ $F_{Rk,\ ETA}$

$F_{Rk,\ ETA}$ Characteristic resistance given in the ETA for the comparable base material

Load class Anchor $N_{R,\ Anchor} = F_{Rk1} / \gamma =$ _____ [kN] ≥ $N_{R,\ ETICS\ System}$

Partial saftey factors . γ_M = 2.5 for masonry, γ_{MAAC} = 2.0 for autoclaved aerated concrete

Tests carried out or supervised by	Date and Signature