

MKT Metall-Kunststoff-Technik GmbH & Co. KG

Auf dem Immel 2 67685 Weilerbach Tel. 06374 / 9116-0

Internet: http://www.mkt.de email: mkt@mkt.de

Test report	Page 1 o	f 3						
Building project:								
Adress:								
Construction section:								
Place of testing:					Date:			
Test carried out by:					Signature:			
Test observed by:					Signature:			
Others present:								
Existing masonry								
Name of the brick: (if known)								
Type of the brick: (e.g. solid br	rick, hollow	brick, AAC)						
Visual evaluation of the masor	nry: (e.g. uı	niformity)						
Joints visible:	yes	no		Joint width:		— mm		
Vertical joints filled:	yes	_ no	Morta	ar strength class:		_		
Thickness of render and insula	ation:	_				— mm		
Wall thickness:						— mm		
Dimension of the bricks: (lengt	th x width x	(height)				— mm		
Additional information in	Compre	essive strength:				 N/mm²		
coordination with the planner						— kg/dm³		
in charge	Hole geometry:			Drawing on the rear;	rough webs			
				-				
Anchor								
Description:	(o.g. \/MII.n	olus with VMU-A 10 x	110.04	in \/M SH 16 v 95\				
	(e.g. vivio p	nus with vivio-A 10 x	110 A4	III VIVI-3FI 10 x 63)				
Number of assessment:	(e.g. ETA-13/0909)							
Reference number:				_	 			
	Threaded st	tud			Injection adhesive			
Batch number:				_	-			
	Threaded stud				Injection adhesive			
Drill hole								
Cutting diameter of drill bit:				mm				
Rotary drilling: yes no Depth of drill hole:				mm 				
Drilling dust wet:				the drilling dust:				
Installation								
acc. to assessment:	yes	no		(if different, exact des	scription on the rear)		
Temperature:								
•	in the base material			adhesive air				
Setting depth:				mm				
Setting time:				- Test time):			
Installation torque:				Nm				
				-				
Testing device								
Used testing device:				Device number	r:			
Calibration date:				_				



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Date:	
Signature of performer:	

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Pull-out test	Proof-load test / Acceptance test (part 2					
Itimate load	Residua	Displacement				
Nu	1 minute	10 minutes *)				
[kN]	[kN]	[kN]	[mm]			

Location to joints Location to other Location to Test Distance from support Locat. edges setup c2 cf1 cf2 Photo Leg 1 Leg 2 Leg 3 Photo Anchor c1 s1 s2 No. No. No. [mm] [mm] [mm] [mm] [mm] [mm] [mm] [mm] [mm] 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

*) if necessary

Acceptance test (part 1)

1						
2						
3						

test load N_{pP} or N_{pA}: _____kN
90%: ____kN
95%: kN

The specification of the test loads N_{pP} or N_{pA} is carried out by the planner in charge in coordination with the structural engineer.

Testing description see page 3

Signature of test supervisor:



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Pull-out test acc. Section 3.2 [1] (minimum 5 to 15 tests)



Pull-out until failure: the load shall be increased slowly and constantly so that the expected ultimate load is achieved after not less than 1 minute. The ultimate load shall be recorded.

Acceptance test part 1 acc. Section 3.4 [1] (minimum 1 to 3 tests)



At least one test shall be performed at the job site as a pull-out test to failure or as a proof-load test at any load level.

If a proof-load test fails, this test shall be assessed as a pull-out test.

This failure load/proof load is the initial value N_{u.1} (for one test) or N_{u.m} (for at least 3 tests) for the evaluation of the acceptance load N_{DA} according to Section 3.4 in [1]

Proof-load test acc. to Section 3.3 [1] / Acceptance test part 2 acc. to Section 3.4 [1] (minimum 15 tests)



The load shall be increased so that the proof load is achieved in not less than 1 minute and is kept for at least 1 minute. If the load drops off slightly due to dirt (e.g. grain of sand) under the support, it is possible to readjust the load in order to apply the load over 1 minute.



If no visible displacement and no critical load drop occurs at the injection anchor in all tests with the proof-load N_{pP} or the acceptance load N_{pA} being applied for at least 1 minute, the characteristic resistance may be determined by the planner in accordance with [1].



If the residual fall below 90% of the test load, it is permitted once only to reset the load level to the start value $N_{\mbox{\tiny pP}}$ or $N_{\mbox{\tiny pA}}$ and maintain this for at least 10 minutes.



If during this time no visible displacement occurs and the residual load does not fall below 95% of the test load, the characteristic resistance can be determined by the planner in accordance with [1].



If during one or more tests visible displacement occurs or the load drop criteria mentioned above are not met, the proof-load test at load level N_{pP} or N_{pA} shall be assessed as failed.

Either pull-out tests in accordance with Section 3.2 in [1] shall be performed or new proof-load tests or acceptance tests shall be performed with a lower selected load.

The planner shall be consulted.

Note on the use of the tested anchors



Only anchors which have been loaded with the acceptance load N_{pA} in an acceptance test (part 2) may be used for fixing, if the conditions listed below (load drop-off, displacement) are observed.

In all other tests the tested anchors may not be used for fixings since a pre-damage of the masonry unit cannot be excluded at this loading.

[1] Technical Report of DIBt: "Execution and evaluation of job site tests", Version December 2016