

# Pull-off test



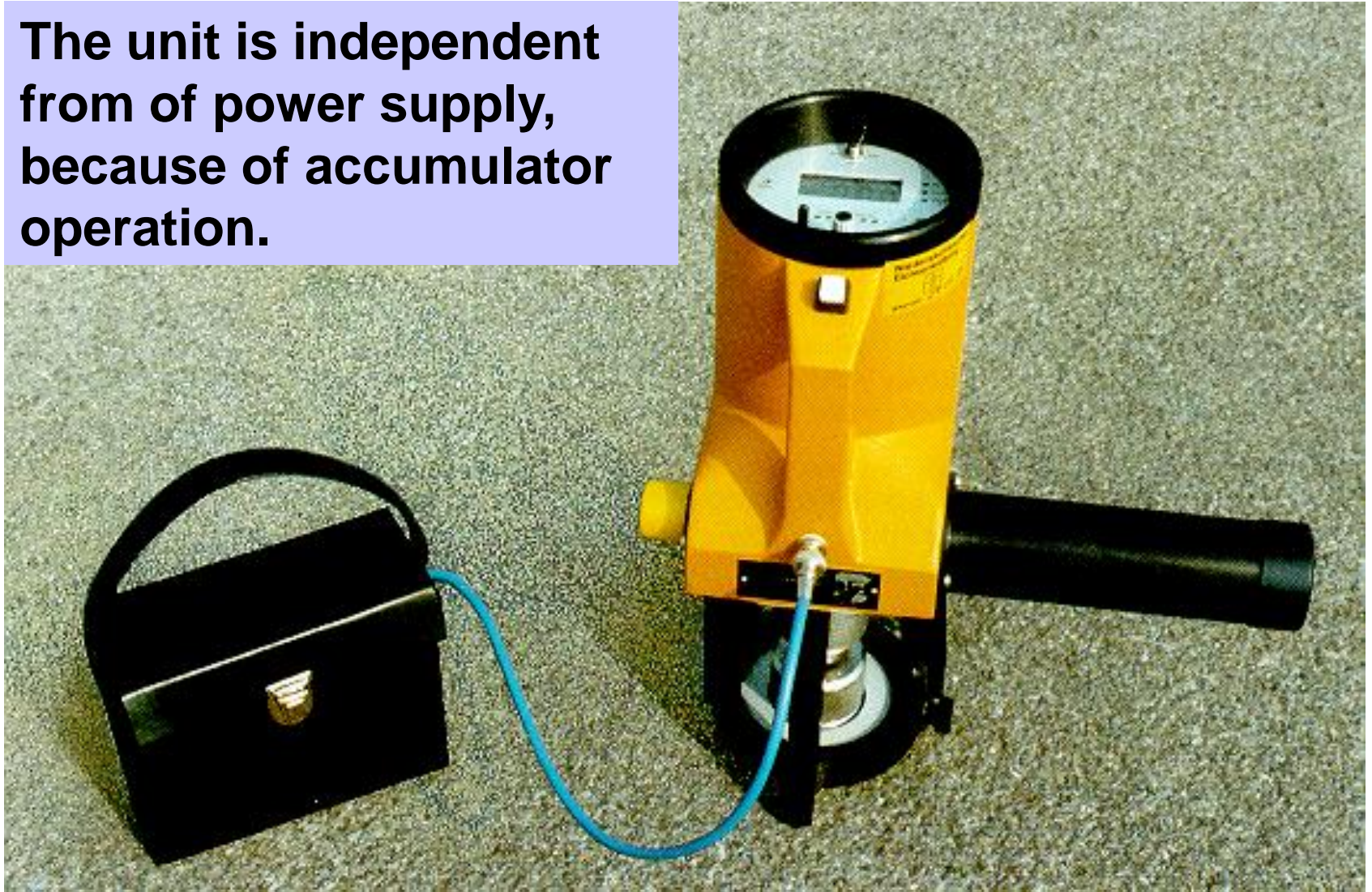
Testing of the substrate cohesion:  
Pull-off strength  $> 1.5 \text{ N/mm}^2$   
e.g. Proceq pull-off tester

# Pull-off test



# Pull-off test

The unit is independent from of power supply, because of accumulator operation.



# Pull-off test

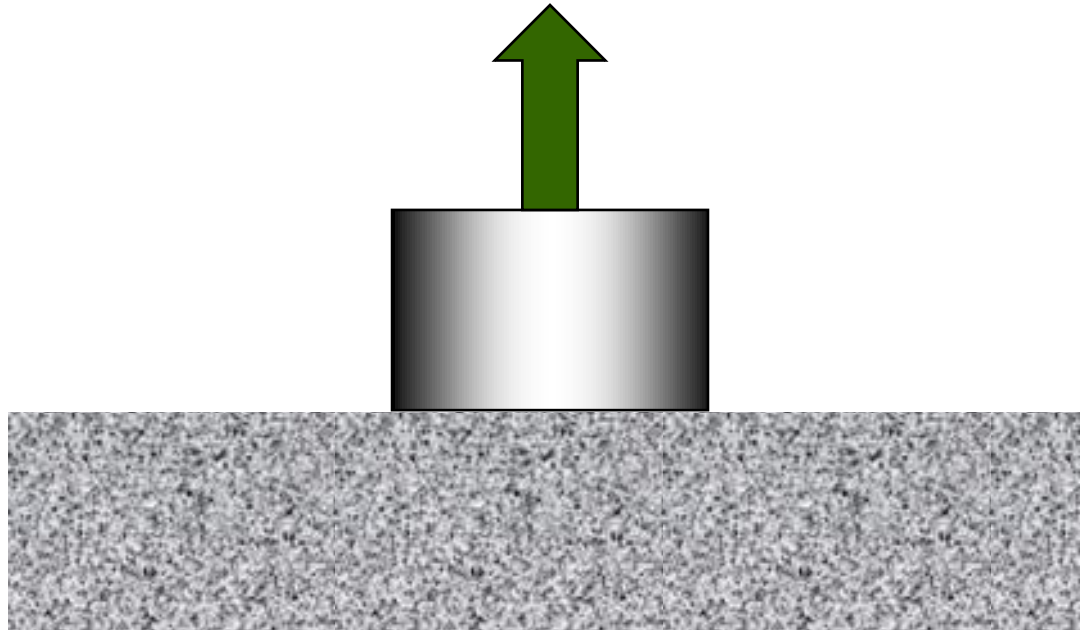


# Pull-off test



## Pull-off test

Requirements



$$f_{ct,m} \geq X, Y \text{ N/mm}^2 \text{ (average value)}$$

(X,Y depending of application!)

# Pull-off test

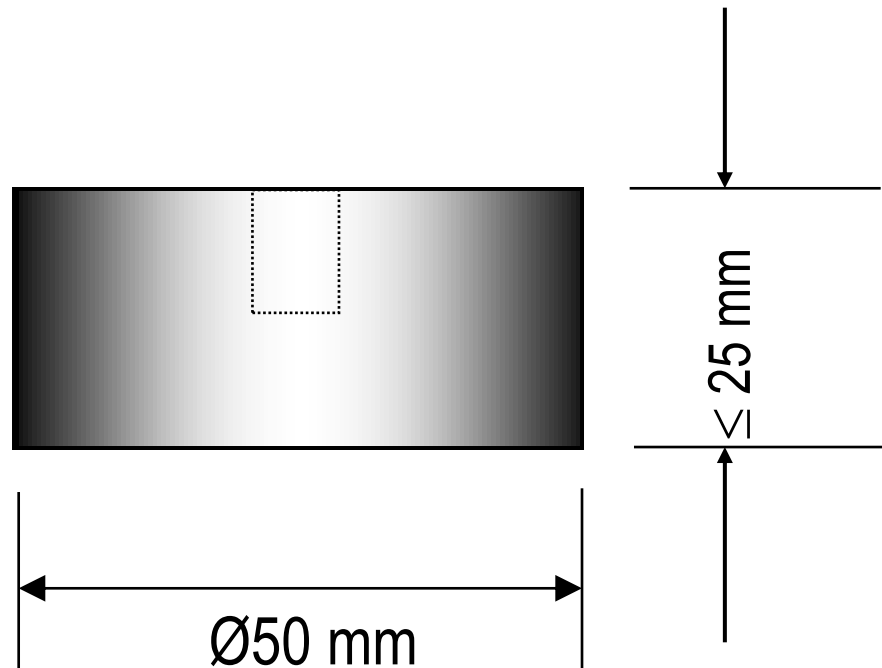
## Requirements

Tabelle 2.3: Mechanische Eigenschaften (geforderte Oberflächenzugfestigkeiten des Betonuntergrundes)

	Schutz- bzw. Instandsetzungsmaßnahme: Örtliche Ausbesserung bzw. flächige Beschichtung	Mindestwerte der Oberflächenzugfestigkeit [N/mm <sup>2</sup> ]	
		Mittelwert	kleinster Einzelwert
	1	2	3
1	Mörtel und Beton	1,5	1,0
2	OS 2 (OS B)	0,8	0,5
3	OS 5 (ohne Feinspachtel) (OS D)	1,0	0,6
4	OS 4 (OS C), OS 5 (OS D), OS 9 (mit Feinspachtel) (OS E)	1,3	0,8
5	OS 11 (OS F), OS 13	1,5	1,0

# Pull-off test

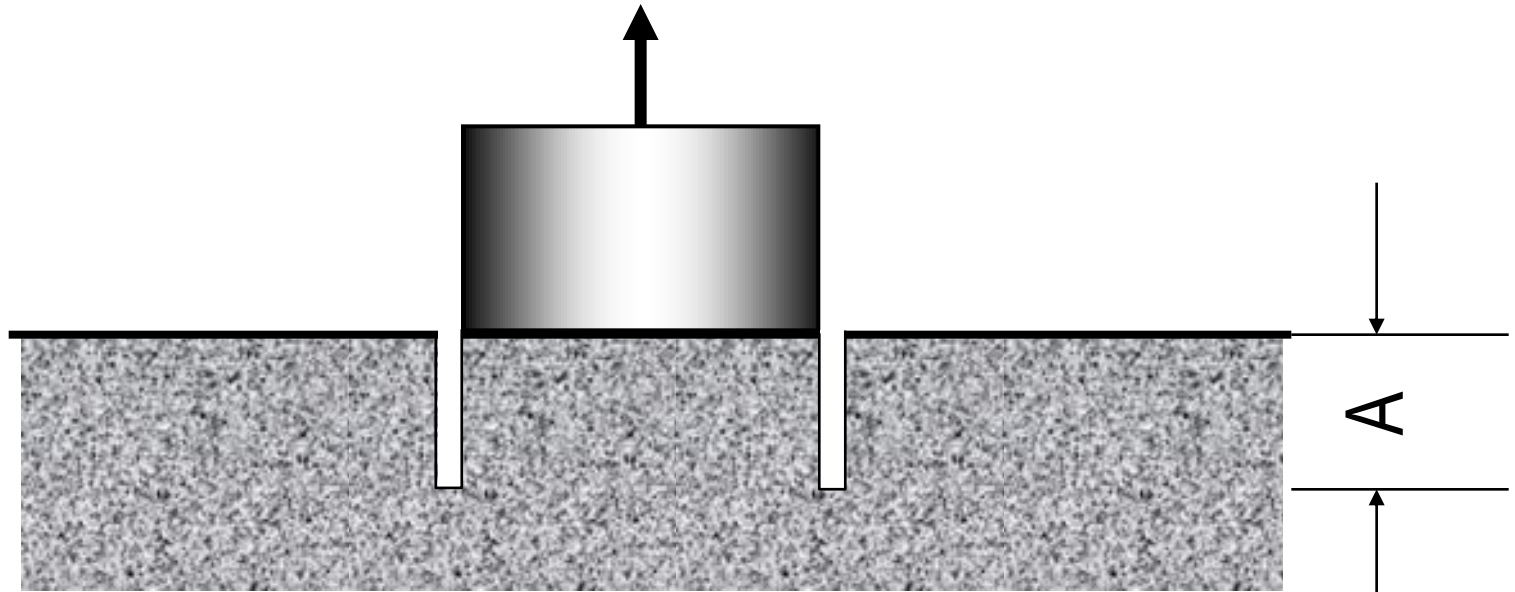
Requirements of the dolly





# Pull-off test

Requirements of the drill deep



Drill deep A for concrete:

mind. 10 mm

