



Building Repair Work

PROFI

Bond Strength Tester ConsurTest

Class 1 acc. to EN ISO 7500-1

for determination of the surface tensile strength, tensile adhesive strength and pull-off strength of:

- concrete
- screed
- mortar
- adhesives
- plaster
- coatings
- parquet flooring
- thermal insulation composite systems (with special accessories)

Advantages:

- automatic load control (force control)
- constant bumpless rate of loading
- accuracy $\pm 1\%$
- grips for comfortable use on walls and ceilings
- low weight
- mobile device
- battery-supplied
- free input of test speeds (N/sec., MPa)
- route-controlled testing (mm/min)
- immediate control of the course of the test
- currently 17 fixed programmed testing procedures relating to testing speed and sizes of test plates

acc. to the following standards:

- DIN 1048-2,
ZTV-ING (2003),
EN 1015-12,
EN 1348,
EN 1542 (1999),
EN 12618-2 (2004),
EN 13892-8 (2003),
DIN EN ISO 4624,
ETAG 004



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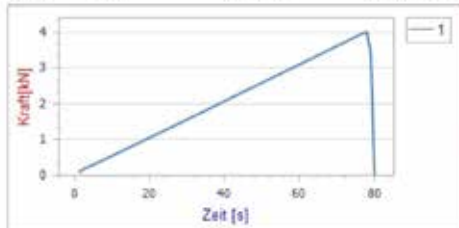
Prüfprotokoll

Allgemeine Projektdaten

Bauprojekt Name:	Anbau Stadthalle	Art des Untergrundes:	Beton
Bauprojekt Nr.:	High Class 11/20	Vorbereitung des Untergrundes:	gestraht
Prüfungsanzahl:	5		
Prüfform:	ZTV-ING Teil 1, Abschnitt 3: Prüfungen während der Ausführung: Krafteinstiegsgeschwindigkeit 50 N/s	Lufttemperatur:	18 °C
Anwender:	Th. Zippler	relative Luftfeuchtigkeit:	48 %
Klebstoff:	MC-Bauchemie (2 Komponenten)	Taupunkt:	4 °C
Prüfgerät (Fabrikat/Typ):	ConsurTest 10 - Serien-Nr.: 17715	Oberflächentemperatur:	10 °C
letzte Kalibrierung:	01.03.2020	Untergrundfeuchte:	4 %

Auswertung der 5. Prüfung

Test-Nr.: 119 Prüfdatum: 18.11.2020 12:16:00



Kraft (maximal):	3,998 kN	Ringnutbohrung:	Ja
Spannung (maximal):	2,036 MPa	Versagensart:	Kohäsion 90 %
Prüfgeschwindigkeit:	50 N/s	Prüfrichtung:	Boden
Prüffläche:	50 mm		
(Kreisförmiger Stempel):			

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Details zum Projektabschluss

Bemerkung:

Spannung (Ø aller Tests): 1,43 MPa
Berichtsdatum: 25.11.2020 15:16
Unterschrift:

Nr.:	Abrisskraft (KN):	Abrissfestigkeit (MPa):	Bruchbild:	Abrisstiefe (mm):
1	2,548	1,298	Adhäsion	0-5mm
2	1,887	0,859	Kohäsion	5-10mm
3	2,926	1,49	Kohäsion	0-5mm
4	2,926	1,49	Kohäsion	5-10mm
5	3,998	2,036	Kohäsion	0-5mm

- all test programs are stored on the tablet PC and are transferred to the bond strength tester via Bluetooth.
- data storage on the tablet PC is effected vice versa.
- measuring values are indicated both on the bond strength tester and on the tablet.

Further Possible Applications acc. to Standards:

- EN 13395-4 (2002)
- DIN 18555
- ZTV-SIB (1990)
- DAfStb-Rili
- BEB-Merkblatt
- BS 1881
- ASTM C 1583

Scope of Supply:

- bond strength tester with integrated LCD-display, Bluetooth to tablet PC
- quick coupling (illuminated)
- integrated storage battery for approx. 100 tests
- high-quality tablet PC with touch screen for storing the measured values with the possibility of recording a test-relevant voice memo and up to 5 photo recordings of the fracture
- charger for bond strength tester
- charger for tablet PC
- transport case
- operating manual
- calibration certificate

Bond Strength Testing Software ConsurSoft

we have developed a modern and simple software for our bond strength testers, with which you can have all your relevant tests summarized on a final report



3 Types Available with Tensile Forces 5 kN, 10 kN, 15 kN for Covering All Current Test Applications

HZP - ConsurTest 5

Technical Data:

- tensile force: 5 kN
- resolution: 0.001 kN
- measuring range: 0.5 ... 5 kN
- display range: 0 - 5 kN
- measuring range: 2.5 N/mm²
- display range: 0 - 2.5 N/mm²
- piston stroke: 16 mm
- weight: 4.75 kg

Order-No. B3065-5B



HZP - ConsurTest 10

Technical Data:

- tensile force: 10 kN
- resolution: 0.001 kN
- measuring range: 0.5 ... 10 kN
- display range: 0 - 10 kN
- measuring range: 5 N/mm²
- display range: 0 - 5 N/mm²
- piston stroke: 16 mm
- weight: 4.75 kg

Order-No. B3065-10B



HZP - ConsurTest 15

Technical Data:

- tensile force: 15 kN
- resolution: 0.001 kN
- measuring range: 2.0 ... 15 kN
- display range: 0 - 15 kN
- measuring range: 7.5 N/mm²
- display range: 0 - 7.5 N/mm²
- piston stroke: 16 mm
- weight: 4.75 kg

Order-No. B3065-15B

Accessories:

Test Plates

- **A** test plates 100x100 mm, steel
Order-No. B30692
- test plates Ø 50 mm, steel, 1 set=10 pieces
Order-No. B30665
- test plates Ø 80 mm, steel, 1 set=10 pieces
Order-No. B30688
- test plates Ø 100 mm, steel, 1 set=10 pieces
Order-No. B3069
- test plates 50x50 mm, steel, 1 set=10 pieces
Order-No. B30675
- test plates Ø 20 mm, steel
Order-No. B3068
- **B** adapter for test plates 100x100 mm
Order-No. B30690
- **C** test plates 200x200 mm (ETAG)
Order-No. B30694
- **D** tripod test stand for tests acc. to
ETAG / WVDS
Order-No. B306950
- **E** tripod (supplement)
fixed clamping with ConsurTest
for compensation of rough surfaces
Order-No. B306955
- **F** retaining adapter closable for anchor
test (WVDS)
- **G** test kit for shotcrete
(EN14448-2 - procedure B)
Order-No. B306975
- tension bolts with ball head M12 (short)
- tension bolts with ball head M12 (long)

General Accessories

- **H** adhesive kit consisting of:
special adhesive (3 cartridges)
dispenser with static mixer
gloves, protective glasses
transport case
Order-No. B3062
- special adhesive refill set consisting of
9 cartridges and 30 static mixers
Order-No. B30620



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