## PRÜFSYSTEME





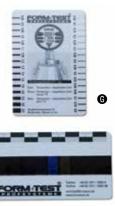












## **Construction Repair**

## **Crack Measuring - ZTV-Ing.**

## Precision Magnifier Set

- with battery operated LED lighting equipment
- changeable measuring scales with line-, lattice-, circle scales
- division: 0.1 resp. 0.5 mm
- two (2) magnifier heads
- with magnification 8- and 10x
- stand magnifier
- with magnification 40-, 50- and 60x
- storage- and transport case Order-No. T0180

## Precision Magnifier

- with LED lighting
- magnification 10x
- division: 0.1 mm Order-No. T0110

## **©** Crack Monitor

- · for straight surfaces
- division: 1.0 mm Order-No. T0280

#### O Crack Monitor

- for straight surfaces
- with stainless steel measuring points
- division: 1.0 mm Order-No. T0281

## Precision Measuring Magnifier

- 10x magnification, division 0.1 mm
- · with integrated LED-lighting
- including batteries and case Order-No. T011020

## Building Inspector

- measurement and storage of crack changes, air humidity /- temperature, component temperature
- unlimited storage of measured values
- individual programming of time intervals
- expandable at any time
- optimum adaption to the task thanks to a wide range of sensors
- radio-based sensor system with very high range
- · data readout and processing via home PC
- hardly any staff required, no control trips necessary

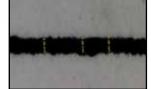
Order-No. T1100

## Standard of Comparison for Crack Widths

- set each 15 pieces
- crack-division from 0.05 3.5 mm
- photo comparison grid in black/white
- with integrated surface temperature scale Order-No. T02011























## **Crack Measuring**

## • Camera - Microscope

- for crack width documentation, -measuring and -judgment
- collapsible and turnable TFT-colour display 3"
- focussing equipment 10 mm until 30 mm
- very good definition
- integrated lighting over 8 white LED's
- · data storage over MicroSD card
- magnification 20...200x
- magnification at 5 MegaPixel-resolution until 500x
- software for true to scale measurements of cracks/spaces
- resolution until 0.001 mm
- dimensions 130 x 112 x 28 mm
- weight approx. 175 g Order-No. T0190

## © Calibration Ruler

optional for T0190 Order-No. T0191

## © Extension Measuring Device

- with digital gauge
- control line made of INVAR-steel
- 50 measuring pins Ø 10 mm
- adhesive gage with 3 adhesive templates
- robust transport case
- measuring length 250 mm
- resolution 0.01 mm
- accuracy +/- 0.01 mm
- length changing-measuring range +/- 5 mm
- weight approx. 175 g Order-No. T02696

## Slot and Groove Gauge

- made of steel
- measuring range: 0.5 ... 10 mm
- readout: 1/10 mmOrder-No. S14071

## **Coating Thickness**

## **⊕**BAM–Coating Thickness Meter

- on concrete / wood
- acc. to ZTV-ING
- with digital gauge Order-No. T0554

## BAM-Coating Thickness Meter

• as before but with analogues gauge Order-No. T0552









## **Component Moisture Test**

## © Electronic

## Thermo-Hygrograph

- for fully automatic registration of temperature and humidity with internal measuring sensors
- · stable plastic housing
- big LCD-display 90 x 64 mm
- data memory for 3,200,000 values
- USB-data interface for data transfer for graphic and numeric presentation and evaluation

Order-No. R0920

## Thermo-Hygrometer with Holding Magnets

 measuring ranges: surface temperature: -10 ... +40°C air temperature: -10 ... +40°C relative surface moisture: 20 ... 100% dew point temperature: -8 ... +26°C

housing diameter: 130 mmweight approx.: 180 g

delivery with PVC storage box

Order-No. R0319

## **@CM-Moisture Tester**

- · moisture test acc. calcium carbide method
- · with analogues manometer
- with electronic precision balance
- with stop watch / timer
   Order-No. T0840

### **CM-Moisture Tester**

• acc. ZTV-ING as T0840, but:

 with additional stainless steel sieve Ø 100 mm, mesh 2.0 mm (without picture)

Order-No. T0841

## **OCM**-Moisture Tester

- moisture test acc. calcium carbide method
- with digital manometer
- with electronic precision balance
- with stop watch / timer Order-No. T0855













## Component Temperature Measuring

## © Electronic Digital Thermometer

- for surface temperature measuring
- with surface temperature probe
- transport case
   Order-No. R0175

#### **®** Infrared-Thermometer

- for non contacting measuring of fresh concrete temperature
- big LCD display
- height of numbers 8 mm
- measuring range -35 ... +365°C
- resolution 0.1°C
   Order-No. R0201

## **©** Concrete-Digital Thermometer

- · with LCD-digital display
- height of numbers 5 mm
- probe made of stainless steel
- with protective cover and clip
- measuring range -50 ... +200 °C
- resolution 0.1 °C
- length 125 mm Order-No. R0110

## Oconcrete-Digital Thermometer

like R0110 but with

• length 300 mm Order-No. R0112

### **⊕** Concrete-Thermometer

- big LCD-display
- height of numbers 15 mm
- functions test Max Min Hold
- stick-in probe 100 mm
- with cable 100 cm
- measuring range -40 ... +200 °C
- resolution 0.1°C Order-No. R0114

## Surface Thermometer

- to measure the surface (setting) temperature and the ambient temperature at the same time
- measuring range -20 ... +80 °C
- housing diameter: 63 mm
   Order-No. R0115

## Air Speeds

### **@**Electronic

## Thermo-Hygrometer

- parameter: temperatur/humidity
- measuring range: -20...+60°C / 0...99 %rF
- resolution: 0.1°C / 0.1% rF
- accuracy: +/-0.5°C / +/-3% (20...80%)
   otherwise +/-4%
- battery lifetime: approx. 48 hours
- dimensions (LxWxH): 146 x 54 x 34 mm
- weight: 138 g Order-No. R0555







## Air Humidity-, Building Humidity-, Air Temperatureand Component Temperature Measuring

#### © Electr. Moisture Meter

- for determining the residual moisture in screed and concrete
- incl. temperature measurement of the surface by placing the device on it (°C / °F)
- · large LC display
- · easy to operate
- · not expandable
- one-hand operation switch on the device place the unit on the surface and read the measured value
- measuring result within seconds without sample preparation
- measuring range: 0-10% water content
- resolution: +/- 0.1% water content Order-No. T0985

## ® Electr. Thermo-Hygrometer

- for determining the residual moisture on various materials
- electronic measurement of screed, concrete and other building materials
- incl. temperature measurement of the surface by placing the device on it (°C / °F)
- large LC display
- · easy to operate
- one-hand operation switch on the device place the unit on the surface and read the measured value
- measurement results in seconds without sample preparation
- can be extended with many external measuring sensors at any time
- · hold function, internal. memory
- incl. USB socket
- measuring range: 0-20% water content
- resolution: +/- 0.1% water content Order-No. R0570

### **©** Electr. Thermo-Hygrometer

- as **B**, with external measuring sensors
- Air humidity and room temperature probe for determining the relative air humidity and room temperature. This makes it possible to calculate the dew point.
- relative humidity: 0-100% resolution: 0.1%
- temperature: -10°C to +60°C
- IR temperature probe for non-contact measurement of surfaces
- measuring surface: Ø 16 cm at 1 m distance
- measuring range: -25°C to +125°C resolution 0.5°C
   Order-No. R0580





## **Environment Measuring Equipments**

## Anemometer

- · parameter: flow
- measuring range: 0.4...+25 m/s
- resolution: 0.01 m/s
- accuracy: +/-3.5% +0,20 m/s of end value
- battery lifetime: approx. 100 hours
- dimensions (LxWxH): 165 x 54 x 34 mm
- weight: 82 g Order-No. R0600

#### **®**Sound Level Meter

- · parameter: sound
- measuring range: 40...130 dB
- resolution: 0.1 dB
- · accuracy: 3.0 dB
- battery lifetime: typically 50 hours in continous operation
- dimensions (LxWxH): 157 x 54 x 34 mm
- weight: 131 g Order-No. R0601

## **©**Light Measuring Equipment

- parameter: light power
- measuring range: 0.0...40,000 lx
- resolution: 0,1 lx / 0.1 fc
- accuracy: +/-5%
- battery lifetime: typically 24 h of continous operation
- dimensions (LxWxH): 157 x 54 x 34 mm
- weight: 138 g Order-No. R0602

## Gross Density / Weighing © Electronic Platform Balance

- with separate display
- height of numbers: 25 mm
- IP 65
- with data interface RS 232
- for operation by power supply unit or by storage battery (option)
- weighing platform made of stainless steel 310 x 300 mm
- weighing capacity 0 ... 30 / 60 kg
- resolution 10 / 20 g
- with supply unit 230 Volt Order-No. O03510

#### Oldel-No. 003310

- **⊕** Electronic Platform Balance
- back lighted LCD display, digit size: 25 mm
- weighing platform made of stainless steeloperation by power supply unit or storage
- operation by power supply unit or storage battery (available as option)
   basic model including power supply unit and
- protection cover for display unit • weighing platform: 500 x 400 x 120 mm
- weighing range: 15/35 kg, resolution: 0.5/1 g
- minimum unit weight: 10 g Order-No. O04000











## Mortar Test - ZTV-Ing.

### **Air Entrainment Meter**

- for testing of air content in fresh mortar
- incl. washing bottle 1000 ml
- content 1 ltr. Order-No. B2030

#### Extension Collar

• for air entrainment meter B2030 Order-No. B2031

## **@Pot 1 Litre**

• for determination of gross density Order-No. B2030-18

## • Haegermann-Flow Table

- · for flow tests
- manually operated, without counter
- complete with stainless steel plate Ø 300 mm
- funnel Ø 70/100 mm, height 60 mm, material thickness 2 mm
- extension collar and hand tamper Order-No. B29015

## Haegermann-Flow Table

as before, but with:

 manually operated, with counter (without picture)
 Order-No. B29025

## Three Gang Mould

- light execution
- surface galvanized blue
- dimensions: 40 x 40 x 160 mm Order-No. B2709

## Three Gang Mould

- made of white special plastic (Hakorit)
- very low-wear
- stiffned against bending and unbreakable
- self-lubricated
- easy cleaning because no cement or mortar adheres
- · no rust possible
- no much time necessary for cleaning
- temperature for use max. +80°C
- temperature for use min. -30°C
- for simultaneous production of 3 test specimens
- dimensions: 40 x 40 x 160 mm Order-No. B270940



#### RUPSISIEME









## **Construction Repair**

## Non-destructive Compression Strength Test

## **O**Concrete Test Hammer

• Classic-SM-execution Order-No. B14112

### **Test Anvil**

• for function control of concrete test hammer Order-No. B141142

## **Concrete Cover Test**

## Set of Test Magnets

- for evaluation resp. pre-investigation of concrete covers
- 4 different test magnets
- transport case
- evaluating table
   Order-No. B1470

## Bond Strength TesterConfiTest 12

## Class 1 acc. to EN ISO 7500-1

 Determination of surface tensile strength, tensile adhesive strength and pull-off strength of concrete, mortar, plasterings, coatings.etc.

## Advantages:

- · constant, bumpless load increase
- mobile device
- · low weight
- battery-supplied
- e.g. for self-checking
- new type of manometer, value correct display in kN
- · direct display of N/mm² or kN
- 3 tension plate sizes selectable (Ø 20 mm, Ø 50 mm, 50 x 50 mm)
- DAkkS-calibratable

## **Technical Data:**

force: 12 kN
readability: 0,01 kN
measuring area: 1.2 - 12 kN
display area: 0 - 12 kN
measuring area: 6 N/mm²
display area: 0 - 6 N/mm²
weight (only equipment): 4.6 kg
weight (with case): 7.5 kg

## Standards:

 DIN 1048-2, EN 1542 (1999), EN12618-2 (2004), EN 13395-4 (2002), EN 13892-8 (2003), ZTV-ING (2003), ZTV-SIB (1990), DAfStb-Rule, BEB-leaflet

Order-No. B3060-V22

## Diamond drill bit with adapter

 for SDS connection Order-No. B3043













## Building Restoration Roughness Measuring Device SRC

## **OSRC** Controller

- robust housing
- easy operation via touch display
- · clearly arranged surface
- suitable for mobile use
- interface for SRC-LS and SRC-PS laser units
- USB interface for battery charging and data export
- · with battery pack

### **Software Features:**

- calculation of the roughness depths R<sub>t</sub>, acc. to ZTV-ING, DAfStb-Rili SIB, DIN EN 1766 and DIN EN 13036-1, on the basis of correlations
- calculation of the mean profile depth MPD acc. to DIN EN ISO 13473-1 and Rp height of the largest profile peak Rv depth of the largest profile valley Rz greatest height of profile (Rz=Rp+Rv) Ra arithm. mean value of the profile coordinates in accordance with DIN EN ISO 4287
- reliable determination of consumption
- guided sequence control of a measurement process
- graphic display of surface profiles
- correction of outlier values due to shadows or reflections
- export of the measurement date via USB
- · flexible evaluation options and data storage
- dimensions: 200x240x105 mm
- weight: 3.8 kg Order-No. T1200

## ®Calibration Profile

- for calibration of the laser unit
- dimensions (LxWxH): 440x145x22 mm Order-No. T1240









## **Building Restoration Roughness Measuring Device SRC**

- measurement of surface roughness in seconds, significant time saving compared to the sand surface method, also fewer test influences and more meaningful results
- use on any oriented surfaces (ceiling, wall, floor, slope)
- for the measurement of surface roughness on facades, component undersides, tunnel walls, road surfaces, bridge piers, etc.
- · can also be used on moderately damp
- operation requires a SRC controller
- low maintenance, high-quality materials for long service life

## **@SRC-LS**

## **Linear Laser Unit**

- device development together with BAM
- for particularly high measuring speeds
- · does not require a mechanical drive

### Laser features:

- measuring range: Z-axis 50 mm
- resolution Z-axis 4 µm
- measuring range X-axis 50 mm
- resolution X-axis 80 µm
- measuring principle: triangulation method
- · laser protection class 2M
- housing dimensions: Ø 130x270 mm
- weight: 2.4 kg Order-No. T1220

## **®SRC-PS Point Laser Unit**

• particularly suitable for measurements in confined spaces

### Laser features:

- measuring range: Z-axis 30 mm
- resolution Z-axis 30 µm
- measuring distance X-axis 200 mm
- resolution X-axis 80 µm
- measuring principle: triangulation method
- · laser protection class 2M
- housing dimensions: 430x82x82 mm
- · weight: 2.1 kg Order-No. T1230









## **Building Repair**

## Oprill Dust Extractor

- for precise depth-dependent removal of drill dust from the structure
- controlled removal of the drill dust through hollow drill
- drill dust separation in the cyclone
- · easy cleaning
- high suction power
- easy changing of the drilling dust collection container
- · colour marking on the drill
- high-quality materials for a long service life
- battery operation

## **Scope of Delivery:**

- battery-powered suction hammer drill with drill dust cyclone
- hollow drill (1 pce.)
- 3 interchangeable batteries in total with double charging station
- 30 collection containers for drill dust with lids
- sturdy storage and transport case Order-No. T1500

## Hollow Drill

- easy to change thanks to plug-in connections and SDS-Plus
- Ø 20 mm
- with suction holder Order-No. T1510

## ©Collection Container for Drill Dust

• 30 pcs. with sealing lids Order-No. T1520







## PRÜFSYSTEME

## **Building Repair Work**

## **BASIC**

## Bond Strength Tester ConfiTest 12

Class 1 acc. to EN ISO 7500-1

Determination of surface tensile strength, tensile adhesive strength and pull-off strength of concrete, mortar, plasterings, coatings, etc.

#### Advantages:

- · constant, bumpless load increase
- mobile device
- · low weight
- battery-supplied
- · e.g. for self-checking
- new type of manometer
- direct display of N/mm² or kN
- 3 tension plate sizes selectable (Ø 20 mm, Ø 50 mm, 50 x 50 mm)

#### **Technical Data:**

force: 12 kN
readability: 0.01 kN
measuring area: 1.2 - 12 kN
display area: 0 - 12 kN
measuring area: 6 N/mm²
display area: 0 - 6 N/mm²
weight (only equipment): 4.6 kg
weight (with case): 7.5 kg

## Standards:

DIN 1048-2, EN 1542 (1999), EN12618-2 (2004), EN 13395-4 (2002), EN 13892-8 (2003), ZTV-ING (2003), ZTV-SIB (1990), DAfStb-Rule, SIA 2002, BEB-leaflet

#### Scope of Supply:

- bond strength tester ConfiTest 12. with digital manometer
- test plate 50 mm
- tension bolt
- carrying caseoperating manual
- charge cable
- calibration certificate

Order-No. B3060-V22

### Accessories (optional):

• test plates Ø 50 mm, Alu Order-No. B3049

• test plates 50 x 50 mm, steel

Order-No. B30496

• test plates Ø 20 mm, steel Order-No. B30493



## **Building Repair Work**

## **ECONOMIC**

# Bond Strength Tester ConsurTest

Class 1 acc. to EN ISO 7500-1

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

- concrete
- · screed
- mortar
- · adhesives
- · plaster
- · coatings
- · parquet flooring

## Advantages:

- automatic load control (force control)
- constant bumpless rate of loading
- accuracy +/- 1 %
- grips for comfortable use on walls and ceilings
- low weight
- · mobile device
- · battery-supplied
- free input of test speeds (N/sec., MPa)
- currently 7 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 12004-2
- EN 1542 (1999)
- EN 13892-8 (2003)
- DIN EN ISO 4624

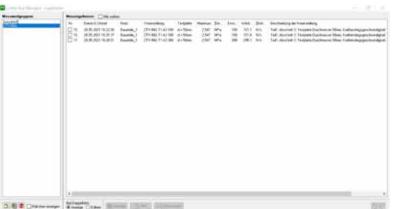
## 3 Types Available with Tensile Forces 5, 10, 15 kN

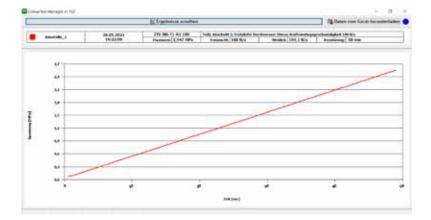
















- · operation via buttons
- all test programmes are stored on the unit
- · data storage in the internal memory
- measured values are displayed on the bond strength tester
- · data transfer to PC via Blutooth
- test management
- · creation of protocols
- test software "ConsurTest Manager" for bond strength tester "ConsurTest Economic"

## Scope of Supply:

- · bond strength tester
- quick coupling (illuminated)
- integrated storage battery for approx.
   80 tests
- · charger for bond strength tester
- transport case
- · operating manual
- · calibration certificate

## Accessories:

## **Test Plates**

- test plates Ø 50 mm, steel, 1 set=10 pieces Order-No. B30665
- test plates 50x50 mm, steel, 1 set=10 pieces Order-No. B30675
- tripod (supplement) fixed clamping with ConsurTest for compensation of rough surfaces Order-No. B306955

### **General Accessories:**

- adhesive kit consisting of: special adhesive (3 cartridges) dispenser with static mixer gloves, protective glasses transport case Order-No. B3062
- diamond drill bit Order-No. B3043









## **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-of 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 +/- 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





### FORM-TEST FORM+TEST Seidner & Co. GmbH

Zwiefalter Straße 20 . 88499 Riedlingen

01.03.2020

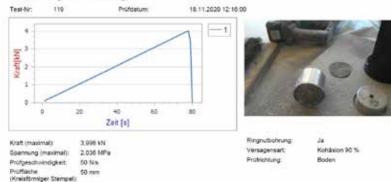
### Prüfprotokoll

#### Allgemeine Projektdaten

Bauprojekt Name:	Anbau Stadthalle	Art des Untergrundes:	
Bauprojekt Nr.:	High Class 11/20	Vorbehandlung des Untergrundes	gestrahi
Prüfungsanzahl.	5		
Prüfnorm:	ZTV-ING Teil1, Abschnit 3. Prüfungen während der Ausführung Krafteinstlegsgeschwindigkeit 50 N/s	Lufttemperatur:	18 °C
		relative Luftleuchtigkeit:	46 %
		Taupunkt:	4 °C
Anwender:	Th. Zippler	Oberflächentemperatur:	10 °C
Klebstoff:	MC-Bauchemie (2 Komponeten)	Untergrundfeuchte:	4.%
Prüfgerät (Fabrikat/T)	yp): ConsurTest 10 - Serien-Wr.: 17715		

#### Auswertung der 5. Prüfung

letzte Kalibrierung



#### FORM-TEST FORM-TEST Seidner & Co. GmbH

Zwiefalter Straße 20 88499 Riedlingen

#### Details zum Projektabschluss

#### Bemerkung:

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

Nr.:	Abrisskraft (KN):	Abrissfestigkeit (MPa):	Bruchbild:	Abrisstiefe (mm):
1	2,548	1,298	Adhāsion	0-5mm
2	1,687	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/mm<sup>2</sup>
- 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/mm<sup>2</sup>
- display range: 0 5 N/mm<sup>2</sup>
- 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/mm<sup>2</sup>
- 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
- nadapter for test plates 100x100 mm Order-No. B30690
- test plates 200x200 mm (ETAG) Order-No. B30694
- tripod test stand for tests acc. to ETAG / WVDS Order-No. B306950
- tripod (supplement) fixed clamping with ConsurTest for compensation of rough surfaces Order-No. B306955
- retaining adapter closable for anchor test (WVDS)
- **@** 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**

- 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



FORM+TEST Seidner & Co. GmbH

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