

# Hardened Concrete Testing

58



**PULL-OFF TESTER (58-C0215/T)**

## TECHNICAL SPECIFICATIONS

- Load capacity: 16 kN
- Readout unit: Load cell
- Resolution: 10 N
- Working range: 0.25 to 16 kN
- Accuracy: better than 1%
- Battery: 9 V
- Dimensions: 340x240x250 mm approx.
- Weight (tester only): 3.3 kg
- Weight (with carrying case): 5 kg

## MAIN FEATURES

- Portable equipment for use in any location
- High resolution digital display unit
- Graphic indication of applied load rate
- Serial port for PC connection
- Battery operated, complete with AC adapter
- Indicator of ram position allowing an estimation of the brittle properties of the test sample
- Supplied complete with traceable calibration certificate

## GENERAL DESCRIPTION

### Introduction

The apparatus is mainly used to evaluate the bond strength of two layers of concrete or the adhesive strength of surface coatings (e.g. cement plaster, lime, wall plaster etc.) on its support.

### Description

The apparatus is basically a dynamometer fit with a load cell and high resolution digital display unit. The direct tensile force is applied by rotating the hand wheel. The 16 kN capacity and the high resolution assure a wide working range ideal for a vast number of materials and applications.

The tester is supplied complete with carrying case. Metal discs 20 and 50 mm dia.; bits 20 and 50 mm dia.; and adhesive compound have to be ordered separately. See accessories.

## ACCESSORIES

### Bits and die

- 58-C0215/1** Drill bit with centering point to obtain 50 mm dia. test surface  
**58-C0215/2** Drill bit with centering point to obtain 20 mm dia. test surface  
**58-C0215/12** Metal ring (dinking die), 50 mm int. dia, 25 mm high, for fresh plaster, to EN 1015-12.

### Test discs and plate

- 58-C0215/4** Aluminium square plate 50 mm x 50 mm to EN 1348  
**58-C0215/5** Aluminium test disc 50 mm dia. x 20 mm thick  
**58-C0215/8** Aluminium test disc 20 mm dia. x 20 mm thick  
**58-C0215/3** Stainless steel test disc 50 mm dia. x 20 mm thick to EN 1015-12

### Adhesive

- 58-C0215/13** Adhesive, bicomponent: 2x15 ml binder and 2x15 ml hardener (4 vials)

### Serial cable

- 58-C0215/T1** Serial cable for PC connection



53 Granite Street, GEEBUNG, QLD, 4034, Australia | P.O. Box 124, VIRGINIA, QLD 4014, Australia

Ph.: +61 (0)7 3265 4952 | Fax: +61 (0)7 3265 2713 | Email: sales@geo-con.com.au | Web: www.geo-con.com.au