

TPIN: 2061889389 Service Re-Invented

P.O Box 28050, Parklands, Kitwe, Zambia. Tel + 260-966-849978 / +260 966 512070, Email admin@mlcotrading.com

TECHNICAL DATA SHEET CABLE ANCHOR GROUT HIGH FLOW G5

Description

Cable Anchor Grout is a OPC mixture high flow and is non-shrink and designed for cables and long anchors. A selection of chemicals ensures that this product is highly pumpable in all conditions.

Data

• Working temperature: +20°C

Bag contains: 10KGYield per bag: 6.4 litreWater per bag: 3.0 litre

Water per bag: 3.0 litre
Initial set: 60 minutes
Final set: 90 minutes
Setting time: 24 hours

• Required load: 4 tons/40kN

Typical Results

The bond pull-out (kN) using a 16mm diameter ripple bar grouted in a 250mm x 50mm internal diameter pipe is actually a measure of the shear strength of the Grout. The following are typical laboratory results at a room temperature of 25°C

Age	Bond Strength	Compressive Strength
4 hours		-
8 hours	10 kN/1Ton	-
24 hours	40 kN/4Ton	8 Mpa
7 days	80 kN/8Ton	20 Mpa
28 days	100 kN/10Ton	30 Mpa

Packaging

Supplied in woven polypropylene bags with a waterproof inner liner. Packed in bulk 100 bags in a bulk bag.

Quality Assurance

MLCO Trading Ltd suppliers' production and testing programs comply with all local (SANS 1745: 2003) and international testing standards.





(Our Ref)

Per

Case

Age

Cube ID

Customer

RSS 36

22-Aug-19 23-Aug-19 1

10000

2505 2526 2520

2520

2526

22 8

C š 2

23-Aug-19 1

PSS 37 RSS 35 RSS 34

EQ 003 Tested by:

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CONCRETE CODE:

SPECIFIED STRENGTH: DELIVERY ADDRESS:

ROCK SUPERT SYSTEMS RSS

PLANT.

CONCRETE SUPPLIER:

TRUCK NO: LOAD NO: DATE CAST: 30/07/2019

DELIVERY NOTE:

REPORT NO: BTG 18576

TIME SAMPLED:

CONCRETE LOCATION: PUMPABLE ANCHOR GROUT

HIS FORTISTING - COLLECTED/DELINERED

Cubes Delivered

TEST RESULTS

Surface

Condition

E Mass

bensity kg/m²

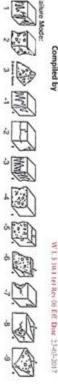
BETON LAB DN NO: SPECIFIED SLUMP: MEASURED SLUMP ORDERNO:

SAMPLED/TESTED BY:













SANS 5861-3 SANS 5861-2 SANS SB60 EN 12390-4



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required, this will be based on the zed. If a statement of conformit ire from or any consequence silst every care it taken to ensure erwise. Data provided by the tomer will be typed GREEN as cution of reporting of tests or ept in full, without written dification unless agreed tion rule in the relevant Rar products that has note be sample/s tested and in no way reof. This report relates only to erroneous conclusions drawn atever for any error made in the orts, neither beton-Lab or or its correctness of all tests and report may not be reproduced antess the performance of loyees shall be liable in any wa ission from Beton-Lab cc. bre

DATE RECEIVED: 23/08/2019 WEATHER CONDITIONS: TIME RECEIVED: to the nearest 0.1MPa and not 0.5MPa as *Average compressive strength is recorded DEVIATIONS, EXTENSIONS OR EXCLUSIONS CUBES MADE BY CONTRACTOR

> Cube not square Flatness >0.03mm Cast surface not even Excess wolds Honeycombing present Complies with requirements traken corners on cubes

Tet 011-979-1422 | Fax 011-979-1430 e-mail: betoclab@absamurl.co.za

PO Box 10583, Aston Manor, 1630 32a Third Road, Bredell

SANS 5863:2006 Concrete Tests - Compressive Strength of hardened Concrete COMPRESSIVE STRENGTH TEST REPORT



(Our Ref)

2

Cast

À

Cube ID Customer

RSS 38

27-Aug-19 7 27-Aug-19 7

001x001x001

2 420 2 436 2 428

2 429 2 426

> 235 236 238

23.5 23.6 23.8 24.6

2 428

PSS 41 RSS 40

EQ 008 Tested by:

DIKETSO

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CONCRETE CODE:

TIME SAMPLED: SPECIFIED STRENGTH DELIVERY ADDRESS

CONTRACT:

ROCK SUPERT SYSTEMS RSS

PLANT:

CONCRETE SUPPLIER:

REPORT NO: BTG 18576

CONCRETE LOCATION: PUMPABLE ANCHOR GROUT

HES FORTESTING - COLLECTED/DELIVERED

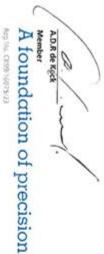
Cubes Delivered

TEST RESULTS

Surface

BETON LAB DN NO: SPECIFIED SLUMP: ORDER NO:

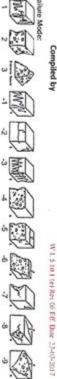
SAMPLED/TESTED BY: MEASURED SLUMP



Manches, A.D.R. de Kost.











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SANS \$861-2 SANS \$861-3 SANS 5860 EN 12390-4

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SANS 5862-1



his report may not be reproduced e correctness of all tests and fallst every care it taken to ens cept in full, without written ere from or any consequence ereof. This report relates only to ports, neither Beton-Lab cc or its retroneous conclusions drawn cution of reporting of tests or atever for any error made in the ployees shall be liable in any w ifssion from Beton-Lab cc.

32a Third Road, Bredell Tel: 011-979-1422 | Risc 011-979-1430 PO Box 10583, Aston Manor, 1630 e-mail: betonlab@absamad.co.za Beton-Lab cc

SANS 5863:2006 Concrete Tests - Compressive Strength of hardened Concrete COMPRESSIVE STRENGTH TEST REPORT

DATE RECEIVED: 23/08/2019 WEATHER CONDITIONS: DELIVERY NOTE: DATE CAST: 30/07/2019 TIME RECEIVED: LOAD NO: to the nearest 0.1MPa and not 0.5MPa as DEMATIONS, EXTENSIONS OR EXCLUSIONS CUBES MADE BY CONTRACTOR Average compressive strength is recorded

. Cube not square Cast surface not even Honeycombing present Flatness >0.03mm Excess voids Complies with requirements Broken comers on cubes CUBE CONDITION



(Owr Ref)

Customer

Age

RSS 43 RSS 42 Cube ID

30-Jul-19 Cast

27-Aug-19 28 27-Aug-19 28

100×100×100 001×001×001

10000

2 438

2 438

(Mpa) 33.5 32.0 32.6

> Mode E

to the nearest 0.1MPa and not 0.5MPa as DEMATIONS EXTENSIONS OR EXCLUSIONS

Average compressive strength is recorded

2440 2412 2 422

2 428

322.3 325 128 316 Resig

27-Aug-19 28 27-Aug-19 28

HES FOR TESTING - COLLECTED/DELIWERED

Cubes Delivered

TEST RESULTS

Surface

BETON LAS DN NO:

SAMPLED/TESTED BY: SPECIFIED SLUMP: MEASURED SLUMP ORDER NO:

CONCRETE SUPPLIER:

TRUCK NO:

DELIVERY MOTE: DATE CAST: 30/07/2019

TIME RECEIVED: DATE RECEIVED: 23/08/2019 WEATHER CONDITIONS:

CUBES MADE BY CONTRACTOR

REPORT NO: BTG 18576

TPIN: 2061889389 Service Re-Invented

£Q 008 Tested by:

DISTRICT

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SANS 5863:2006 Concrete Tests - Compressive Strength of hardened Concrete

COMPRESSIVE STRENGTH TEST REPORT