

ARDAMAN - ACE

**CONSULTING ENGINEERS IN
SOIL MECHANICS, FOUNDATIONS & MATERIALS TESTING**

3 ABD EL-KAWY AHMED St. , MOHANDESEEN - GIZA

Tel. : 33448413 - Fax. : 33031719

Project : I City - Mountain View

File No : 4489

Client : Delta Block

Contractor: Redcon Construction

Date : 24/12/2019

Consultant : DMA Consultant

PULL OFF TEST OF MORTAR SAMPLES

Bond date: 22/12/2019

Plaster Laying date: By client

Location: By client

Test date:23/12/2019

Material Used: Mortar

Test No.	Failure Load (Ton)	Tile Area (cm²)	Bond Strength (Kg/cm²)	Remarks	Type of Failure
1	0.544	100	5.44	Mortar on Brick wall	Failure With thin layer of Mortar
2	0.466	100	4.66	Mortar on Brick wall	Failure With thin layer of Mortar
3	0.505	100	5.05	Mortar on Brick wall	Failure With thin layer of Mortar
4	0.349	100	3.49	Mortar on Brick wall	Failure With thin layer of Mortar
5	0.349	100	3.49	Mortar on Brick wall	Failure With thin layer of Mortar
6	0.310	100	3.10	Mortar on Brick wall	Failure With thin layer of Mortar

Note : 1-Test locations were chosen and identified by the client.

Prepared by : Eng.Mariana Mousa



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PULL OUT TEST OF TRANSPLANTED CONCRETE BARS

Location: By client

Date of testing :22/12/2019

Transplanting date : 22/10/2019

Test No.	Load (Ton)	Diameter (mm)	Transplanting length (cm)	Bond Stress (Kg/cm²)	Type	Remarks
1	1.15	10	8.0	45.6	Mungo MQL	تم سحب الاكمن من الطوب
2	0.74	10	7.0	33.7	Mungo MBR	تم سحب الاكمن من الطوب
3	0.34	10	5.0	21.5	Mungo MQ	تم سحب الاكمن من الطوب
4	0.34	12	6.0	14.9	Mungo MQ	تم سحب الاكمن من الطوب

Note : 1-Test locations were chosen and identified by the client.

2-The transplanting length,transplanting material &transplanting date was provided by client.

Prepared by : Eng.Mariana Mousa

