

REPORT ON DETERMINATION OF COMPRESSIVE STRENGTH

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Client	TOUGH BUILD BUILDING PREFECTION	Report No.	DLMMR24004120
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	30/01/24
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DLMMS24000797
Project No.	N.P.	Request No.	DLMMO24000805
Project Name	Internal Testing	Client Ref.	N.P.
Sample Desc.	CONCRETE CUBE (150 mm)	Sampled By	CLIENT REP
Source	SITE	Sampling Date	09/12/24
Sample Location	ACES	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	6 Nos
Test Method	ASTM C109/C109M-21	Sample Brt. In By	Client's Rep
Method Var.	None	Date Received	10/12/24
Test Location	ACES Dubai Lab	Date Tested	12/12/24
Remarks	None	Tested By	ABBAS

Casting Date : 14/12/23
Age at Test : 3 Days
Test Condition : Wet-3 Days in water @ 22°C
Span Length : 200mm

Specimen No.	Width (mm)	Thickness (mm)	Length	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)
Control - 1	150	150	150	35.08	35.1
Control - 2	150	150	150	35.10	
Control - 3	150	150	150	35.00	
OPC+ TOUGHPLAST-150	150	150	150	36.55	36.2
OPC+ TOUGHPLAST-150	150	150	150	36.12	
OPC+ TOUGHPLAST-150	150	150	150	36.06	




 Eng. Harees Sulaiman
 Material Department Manager

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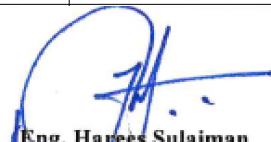
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Client	TOUGH BUILD BUILDING PREFECTION	Report No.	DLMMR24004120
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	30/01/24
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DLMMS24000797
Project No.	N.P.	Request No.	DLMMO24000805
Project Name	Internal Testing	Client Ref.	N.P.
Sample Desc.	CONCRETE CUBE (150 mm)	Sampled By	ACES REP
Source	SITE	Sampling Date	09/12/24
Sample Location	ACES	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	6 Nos
Test Method	ASTM C109/C109M-21	Sample Brt. In By	Client's Rep
Method Var.	None	Date Received	10/12/24
Test Location	ACES Dubai Lab	Date Tested	12/12/24
Remarks	None	Tested By	ABBAS

Casting Date : 14/12/23
Age at Test : 7 Days
Test Condition : Wet-7 Days in water @ 22°C
Span Length : 200mm

Specimen No.	Width (mm)	Thickness (mm)	Length	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)
Control - 1	150	150	150	49.73	49.2
Control - 2	150	150	150	49.66	
Control - 3	150	150	150	48.27	
OPC+ TOUGHPLAST-150	150	150	150	51.11	51.1
OPC+ TOUGHPLAST-150	150	150	150	51.40	
OPC+ TOUGHPLAST-150	150	150	150	50.77	




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Material Department Manager

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Contractor	NO SPECIFIC CONTRACTOR	Date Reported	30/01/24
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS24000797
Project No.	N.P.	Request No.	DI.MMO24000805
Project Name	Internal Testing	Client Ref.	N.P.
Sample Desc.	CONCRETE CUBE (150 mm)	Sampled By	ACES REP
Source	SITE	Sampling Date	09/12/23
Sample Location	ACES	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	6 Nos
Test Method	ASTM C109/C109M-21	Sample Brt. In By	Client's Rep
Method Var.	None	Date Received	10/12/24
Test Location	ACES Dubai Lab	Date Tested	12/12/24
Remarks	None	Tested By	ABBAS

Casting Date : 14/01/24
Age at Test : 28 Days
Test Condition : Wet-28 Days in water @ 22°C
Span Length : 200mm

Specimen No.	Width (mm)	Thickness (mm)	Length	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)
Control - 7	150	150	150	69.43	68.71
Control - 8	150	150	150	68.96	
Control - 9	150	150	150	67.76	
OPC+ TOUGHPLAST-150	150	150	150	73.59	75.1
OPC+ TOUGHPLAST-150	150	150	150	77.34	
OPC+ TOUGHPLAST-150	150	150	150	74.97	




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