



ACADEMY OF CONCRETE TECHNOLOGY(A C T)

(Construction Material Testing Laboratory)

(NABL Accredited laboratory as per ISO/IEC 17025-2017)

72 ,C H Building, 2nd "A" Main,60 Feet Road,N.G.E.F.Layout, Mallathahalli,Bengaluru-560056.

Ph.No.:080-29901802,8884766410,8884803184,labblr@actbangalore.com,www.actbangalore.com



Doc: ACT-CQF-04-25-Solid Block

Test Order NO. ACT/TO/021(a)/2025

Test Order Dated: 29.05.2025

ULR NO: TC962323000001113F

Page 1 of 2
Date:02.06.2025

Gagan Enterprises

Survey No. 94/4,
Karahalli Post,
Meesaganahalli,
Bangalore-560016

TEST REPORT ON SOLID BLOCKS

Source of Sample : Sample supplied by the customer
No. of samples tested : 20(Twenty) only
UIN : May/021/25
Customer's Reference : Letter No. NIL dated 29.05.2025
Nominal Size of the block[#] : 400 mm x 200 mm x 200 mm
Date of Test : 29.05.2025 to 02.06.2025
Technical Reference : IS: 2185 (Part-I)-2005 (Reaffirmed 2020)

COMPRESSIVE STRENGTH:

Sl. No.	Measured Dimension (mm)	Weights (kg)	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)	When Tested 8 Nos. Minimum Compressive strength as per IS:2185 (Part-I)-2005 (Reaffirmed 2020)	
					Individual	Avg. of 8 samples
1	400 x 198 x 200	33.21	5.9	6.0	For Grade C (5.0) – 4.0 N/mm ² For Grade C(4.0) – 3.2 N/mm ²	For Grade C (5.0) – 5.0 N/mm ² For Grade C(4.0) – 4.0 N/mm ²
2	400 x 199 x 200	33.58	6.0			
3	399 x 200 x 200	32.98	5.8			
4	400 x 200 x 200	33.00	6.2			
5	401 x 200 x 199	32.01	5.9			
6	400 x 200 x 200	33.15	6.3			
7	400 x 200 x 200	32.15	6.0			
8	400 x 200 x 200	32.09	6.3			

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Test Order Dated: 29.05.2025

Page 2 of 2
Date:02.06.2025

ULR NO: TC962323000001113F

DIMENSION:

Sl No	Measured dimension (mm)	Requirements as per IS:2185 (Part-III)-1984 (Reaffirmed 2010)
1	400 x 198 x 200	Length ± 5 mm Width ± 3 mm Thickness ± 3 mm
2	400 x 199 x 200	
3	399 x 200 x 200	
4	400 x 200 x 200	
5	401 x 200 x 199	
6	400 x 200 x 200	
7	400 x 200 x 200	
8	400 x 200 x 200	
9	399 x 200 x 201	
10	401 x 200 x 202	
11	401 x 201 x 203	
12	400 x 198 x 200	
13	400 x 199 x 200	
14	400 x 199 x 199	
15	401 x 200 x 198	
16	400 x 201 x 201	
17	401 x 199 x 200	
18	400 x 198 x 200	
19	400 x 201 x 199	
20	401 x 198 x 200	

As furnished by the customer

Note: 1. The results relate only to the items tested.
2. Report shall not be reproduced, except in full, without the written approval of the lab.
3. Any correction invalidates this report.

for ACADEMY OF CONCRETE TECHNOLOGY (A C T).

Authorized Signatory

End of the Report



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Doc: ACT-CQF-04-25-Solid Block

Test Order NO. ACT/TO/021(b)/2025

Test Order Dated: 29.05.2025

ULR NO: TC962323000001114F

Page 1 of 2
Date:02.06.2025

Gagan Enterprises

Survey No. 94/4,
Karahalli Post,
Meesaganahalli,
Bangalore-560016

TEST REPORT ON SOLID BLOCKS

Source of Sample	:	Sample supplied by the customer
No. of samples tested	:	20(Twenty) only
UIN	:	May/021/25
Customer's Reference	:	Letter No. NIL dated 29.05.2025
Nominal Size of the block [#]	:	400 mm x 150 mm x 200 mm
Date of Test	:	29.05.2025 to 02.06.2025
Technical Reference	:	IS: 2185 (Part-I)-2005 (Reaffirmed 2020)

COMPRESSIVE STRENGTH:

Sl. No.	Measured Dimension (mm)	Weights (kg)	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)	When Tested 8 Nos. Minimum Compressive strength as per IS:2185 (Part-I)-2005 (Reaffirmed 2020)	
					Individual	Avg. of 8 samples
1	400 x 149 x 200	23.58	6.8	6.8	For Grade C (5.0) – 4.0 N/mm ² For Grade C(4.0) – 3.2 N/mm ²	For Grade C (5.0) – 5.0 N/mm ² For Grade C(4.0) – 4.0 N/mm ²
2	400 x 150 x 201	23.61	7.0			
3	400 x 149 x 198	23.54	6.5			
4	401 x 149 x 200	24.01	6.9			
5	400 x 151 x 199	23.48	6.7			
6	401 x 150 x 201	24.12	6.5			
7	401 x 149 x 202	23.72	7.2			
8	401 x 150 x 200	24.47	6.9			

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TC-9623

Doc: ACT-CQF-04-25-Solid Block
Test Order NO. ACT/TO/021(b)/2025
Test Order Dated: 29.05.2025

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Date:02.06.2025

ULR NO: TC962323000001114F

DIMENSION:

Sl No	Measured dimension (mm)	Requirements as per IS:2185 (Part-III)-1984 (Reaffirmed 2010)
1	400 x 149 x 200	Length ± 5 mm Width ± 3 mm Thickness ± 3 mm
2	400 x 150 x 201	
3	400 x 149 x 198	
4	401 x 149 x 200	
5	400 x 151 x 199	
6	401 x 150 x 201	
7	401 x 149 x 202	
8	401 x 150 x 200	
9	400 x 150 x 201	
10	400 x 151 x 198	
11	401 x 149 x 200	
12	401 x 151 x 201	
13	400 x 150 x 201	
14	399 x 151 x 198	
15	400 x 150 x 201	
16	401 x 148 x 200	
17	399 x 150 x 199	
18	401 x 150 x 201	
19	400 x 148 x 199	
20	399 x 151 x 200	

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Test Order Dated: 29.05.2025

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Page 1 of 2
Date:02.06.2025

Gagan Enterprises

Survey No. 94/4,

Karahalli Post,

Meesaganahalli,

Bengaluru Rural-562164

TEST REPORT ON SOLID BLOCKS

Source of Sample : Sample supplied by the customer
No. of samples tested : 20(Twenty) only
UIN : May/021/25
Customer's Reference : Letter No. NIL dated 29.05.2025
Date of Test : 29.05.2025 to 02.06.2025
Nominal Size of the block[#] : 400 mm x 100 mm x 200 mm
Technical Reference : IS: 2185 (Part-I)-2005 (Reaffirmed 2020)

COMPRESSIVE STRENGTH:

Sl. No.	Measured Dimension (mm)	Weights (kg)	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)	When Tested 8 Nos. Minimum Compressive strength as per IS:2185 (Part-I)-2005 (Reaffirmed 2020)	
					Individual	Avg. of 8 samples
1	401 x 99 x 200	16.25	6.8	7.0	For Grade C (5.0) – 4.0 N/mm ² For Grade C(4.0) – 3.2 N/mm ²	For Grade C (5.0) – 5.0 N/mm ² For Grade C(4.0) – 4.0 N/mm ²
2	399 x 101 x 201	16.17	7.2			
3	401 x 100 x 200	16.02	7.0			
4	400 x 101 x 202	15.73	7.0			
5	401 x 100 x 199	16.25	6.9			
6	400 x 101 x 198	16.18	7.1			
7	401 x 99 x 200	16.31	6.8			
8	401 x 100 x 201	15.78	7.0			

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1	401 x 99 x 200	Length ± 5 mm Width ± 3 mm Thickness ± 3 mm
2	399 x 101 x 201	
3	401 x 100 x 200	
4	400 x 101 x 202	
5	401 x 100 x 199	
6	400 x 101 x 198	
7	401 x 99 x 200	
8	401 x 100 x 201	
9	400 x 101 x 200	
10	399 x 100 x 201	
11	400 x 101 x 202	
12	400 x 101 x 200	
13	400 x 100 x 201	
14	398 x 100 x 200	
15	401 x 100 x 199	
16	401 x 99 x 200	
17	400 x 100 x 200	
18	399 x 99 x 201	
19	401 x 100 x 198	
20	400 x 100 x 200	

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