Test Report Ref. : MC3 2600065 A-Rev-01
Date of Issue. : 01st April 2026
Date of Re-issue : 22nd July 2026
Client Request Ref. : RR2600065

TEST REPORT

Analysis of Gypsum Improver Liquid

Wimpey Client	:	**Muhideen Gypsum Shield Investment Company SPC** Muscat, Sultanate of Oman
Project	:	Not Given
Sample Description	:	One Sample of Gypsum Improver Liquid

Sample Information Provided by Client

Client Sample ID	:	**Gypsum Improver Liquid**			
Source/Location	:	Sultanate of Oman	**Sampled by**	:	Client
Sample Submitted by	:	Client	**Date of Sampling**	:	Not Given

Laboratory Information

Wimpey Sample ID	:	S3 2600065/01A	**Sample Matrix**	:	Liquid
Sample Received On	:	16/02/2026	**Sample Container**	:	Plastic Bottle
Date Tested	:	16/02/2026-24/02/2026	**Preservation**	:	None
Test Location(S)	:	SCL*	**Tested by**	:	SCL*

Test Report on Setting Time

Test Method	ASTM C 470-20		
Test Temperature & Relative Humidity	23°C & 50%	Mixing Ratio	1 liter solution with 2.2 kilograms Gypsum (1: 2.2)
Mixing Procedure	0.5L Gypsum improver liquid added to 4.5L tap water, mixed well for 2 minutes. For each 1L of new solution 2.2 kg gypsum powder is added and mixed for 1 minute.		

Analytical Results

Tests	UOM	Test Method	Results
Initial Setting Time @ 23^{0}C	Minutes	ASTM C 472-20	40
Final Setting Time @ 23^{0}C	Minutes	ASTM C 472-20	65

Comments: *UoM- Unit of Measurement* **SCL-Sub Contracted Lab*
Rev:01- *Client name revised from* ***(Muhideen Investment Company)*** *to* ***(Muhideen Gypsum Shield Investment Company SPC)*** *in accordance with the client's updated Commercial Registration (CR). No changes made to test results, data, or conclusions reported.*

Authorized Signatory

Asha Rayner
Asst.Laboratory Manager

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IAS ACCREDITED Testing Laboratory TL-795 ISO/IEC 17025

WIMPEY LABORATORIES L.L.C مختبرات ويمبي ش.م.م
MUSCAT

Test Report Ref. : MC3 2600065 B-Rev-01
Date of Issue. : 01st April 2026
Date of Re-issue : 22nd July 2026
Client Request Ref. : RR2600065

TEST REPORT

Analysis of Gypsum Improver Liquid

Wimpey Client	:	**Muhideen Gypsum Shield Investment Company SPC** Muscat, Sultanate of Oman
Project	:	Not Given
Sample Description	:	One Sample of Gypsum Improver Liquid

Sample Information Provided by Client

Client Sample ID	:	**Gypsum Improver Liquid**			
Source/Location	:	Sultanate of Oman	**Sampled by**	:	Client
Sample Submitted by	:	Client	**Date of Sampling**	:	Not Given

Laboratory Information

Wimpey Sample ID	:	S3 2600065/01B	**Sample Matrix**	:	Liquid
Sample Received On	:	16/02/2026	**Sample Container**	:	Plastic Bottle
Date Tested	:	16/02/2026-23/03/2026	**Preservation**	:	None
Test Location(S)	:	SCL*	**Tested by**	:	SCL*

Test Report on Accelerated Weathering (UV Resistance)

Test Method	ASTM C 470-20	Test Procedure	ASTM G151-19	Evaluation Test Method	ASTM D 714-02 (2017)
Test Temperature & Relative Humidity	23°C & 50%	Devise Type	Weathering Apparatus		
Date Casted	24/02/2026	Light Source	UVA-340	Exposure Duration	1608 Hours
Cycle	8 hours UV at 60°C and 4 hours condensation at 50°C		Mixing Ratio	1 liter solution with 2.2 kilograms Gypsum (1: 2.2)	
Mixing Procedure	0.5L Gypsum improver liquid added to 4.5L tap water, mixed well for 2 minutes. For each 1L of new solution 2.2 kg gypsum powder is added and mixed for 1 minute.				

Analytical Results

Tests	Observation
Artificial Weathering (500 Hours)	No color change, No Cracking, No chalking, No flaking, No wrinkling, No blistering or any other type of failure observed

Color Change

Color Coordinates		Initial Reading	Final reading
Color Test	L	80.93	85.14
	a	2.37	1.95
	b	10.92	8.51
ΔE		**4.869**	

Comments: *UoM- Unit of Measurement* **SCL-Sub Contracted Lab*
Rev:01- *Client name revised from* ***(Muhideen Investment Company)*** *to* ***(Muhideen Gypsum Shield Investment Company SPC)*** *in accordance with the client's updated Commercial Registration (CR). No changes made to test results, data, or conclusions reported.*

Authorized Signatory

Asha Rayner
Asst.Laboratory Manager

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IAS ACCREDITED Testing Laboratory no. 795 ISO/IEC 17025

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MUSCAT

Test Report Ref. : MC3 2600065 C-Rev-01
Date of Issue. : 01st April 2026
Date of Re-issue : 22nd July 2026
Client Request Ref. : RR2600065

TEST REPORT

Analysis of Gypsum Improver Liquid

Wimpey Client	:	**Muhideen Gypsum Shield Investment Company SPC** Muscat, Sultanate of Oman
Project	:	Not Given
Sample Description	:	One Sample of Gypsum Improver Liquid

Sample Information Provided by Client

Client Sample ID	:	**Gypsum Improver Liquid**			
Source/Location	:	Sultanate of Oman	**Sampled by**	:	Client
Sample Submitted by	:	Client	**Date of Sampling**	:	Not Given

Laboratory Information

Wimpey Sample ID	:	S3 2600065/01C	**Sample Matrix**	:	Liquid
Sample Received On	:	16/02/2026	**Sample Container**	:	Plastic Bottle
Date Tested	:	16/02/2026-24/03/2026	**Preservation**	:	None
Test Location(S)	:	SCL*	**Tested by**	:	SCL*

Test Report on Compressive Strength

Test Method	ASTM C 472-20		
Mixing Ratio	1 liter solution with 2.2 kilograms Gypsum (1: 2.2)	Age at Test	7 Days
Mixing Procedure	0.5L Gypsum improver liquid added to 4.5L tap water, mixed well for 2 minutes. For each 1L of new solution 2.2 kg gypsum powder is added and mixed for 1 minute.		

Analytical Results

Sample No.	Length (mm)	Width (mm)	Height (mm)	Max. Load (kN)	Compressive Strength (N/mm²)	Mode of Failure
1	50.00	50.00	50.00	19.6	7.82	Satisfactory
2	50.00	50.00	50.00	20.3	8.11	Satisfactory
3	50.00	50.00	50.00	19.8	7.93	Satisfactory
Average Compressive Strength (N/mm²)					**7.95**	-

Comments: *UoM- Unit of Measurement* **SCL-Sub Contracted Lab*
***Rev:01- C**lient name revised from **(Muhideen Investment Company)** to(**Muhideen Gypsum Shield Investment Company SPC)** in accordance with the client's updated Commercial Registration (CR). No changes made to test results, data, or conclusions reported*

Authorized Signatory

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Test Report Ref. : MC3 2600065 D -Rev-01
Date of Issue. : 01st April 2026
Date of Re-issue : 22nd July 2026
Client Request Ref. : RR2600065

TEST REPORT

Analysis of Gypsum Improver Liquid

Wimpey Client	:	**Muhideen Gypsum Shield Investment Company SPC** Muscat, Sultanate of Oman
Project	:	Not Given
Sample Description	:	One Sample of Gypsum Improver Liquid

Sample Information Provided by Client

Client Sample ID	:	**Gypsum Improver Liquid**			
Source/Location	:	Sultanate of Oman	**Sampled by**	:	Client
Sample Submitted by	:	Client	**Date of Sampling**	:	Not Given

Laboratory Information

Wimpey Sample ID	:	S3 2600065/01D	**Sample Matrix**	:	Liquid
Sample Received On	:	16/02/2026	**Sample Container**	:	Plastic Bottle
Date Tested	:	16/02/2026-24/03/2026	**Preservation**	:	None
Test Location(S)	:	SCL*	**Tested by**	:	SCL*

Test Report on Compressive Strength

Test Method	ASTM C 472-20		
Mixing Ratio	1 liter solution with 2.2 kilograms Gypsum (1: 2.2)	Age at Test	28 Days
Mixing Procedure	0.5L Gypsum improver liquid added to 4.5L tap water, mixed well for 2 minutes. For each 1L of new solution 2.2 kg gypsum powder is added and mixed for 1 minute.		

Analytical Results

Sample No.	Length (mm)	Width (mm)	Height (mm)	Max. Load (kN)	Compressive Strength (N/mm²)	Mode of Failure
1	50.00	50.00	50.00	34.4	13.76	Satisfactory
2	50.00	50.00	50.00	34.6	13.84	Satisfactory
3	50.00	50.00	50.00	34.8	13.92	Satisfactory
Average Compressive Strength (N/mm2)					**13.84**	-

Comments: *UoM- Unit of Measurement* **SCL-Sub Contracted Lab*
Rev:01- *Client name revised from (**Muhideen Investment Company**) to(**Muhideen Gypsum Shield Investment Company SPC**) in accordance with the client's updated Commercial Registration (CR). No changes made to test results, data, or conclusions reported*

Authorized Signatory

Asha Rayner
Asst.Laboratory Manager

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Test Report Ref. : MC3 2600065 E-Rev-01
Date of Issue. : 01st April 2026
Date of Re-issue : 22nd July 2026
Client Request Ref. : RR2600065

TEST REPORT

Analysis of Gypsum

Wimpey Client	:	**Muhideen Gypsum Shield Investment Company SPC** Muscat, Sultanate of Oman
Project	:	Not Given
Sample Description	:	One Sample of Gypsum Plaster

Sample Information Provided by Client

Client Sample ID	:	**Gypsum Plaster**			
Source/Location	:	Sultanate of Oman	**Sampled by**	:	Client
Sample Submitted by	:	Client	**Date of Sampling**	:	Not Given

Laboratory Information

Wimpey Sample ID	:	S3 2600065/01E	**Sample Matrix**	:	Liquid
Sample Received On	:	16/02/2026	**Sample Container**	:	Plastic Bottle
Date Tested	:	16/02/2026-31/03/2026	**Preservation**	:	None
Test Location(S)	:	Wimpey Lab, Muscat	**Tested by**	:	ARR

Test Report on Purity

Test Method	ASTM C 471 M	Test Temperature & Relative Humidity	23°C & 50%

Analytical Results

Tests	UOM	Test Method	Results
Gypsum Purity as $CaSO_4.½H_2O$	%	ASTM C 471 M (Calculated from SO_3)	84.78

Comments: *UoM- Unit of Measurement* **SCL-Sub Contracted Lab*
***Rev:01- C**lient name revised from (**Muhideen Investment Company**) to(**Muhideen Gypsum Shield Investment Company SPC**) in accordance with the client's updated Commercial Registration (CR). No changes made to test results, data, or conclusions reported*

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