

**REPORT
FROM TESTING**

№ I 1 10 1197WA / 12.03.2024

1. **Product of testing:** Gypsum and gypsum based construction products
2. **Information provided by the applicant about the product:** Fire and Moisture resistant gypsum boards – BEAM - Gboard® FMR

Manufacturer: Ecobat For Industrial Development, address: Administrative Building, ECOBAT industrial Zone, km 114, Ain Sokhna, Kattameya Old Road, Suez, Egypt.
3. **Applicant of the testing:** BEAM Shared Services S.A.L (Offshore Company) An-Nahar, 2nd Floor, Plot no 1473/Al Marfaa, section 19, Downtown Beirut, Lebanon
4. **Application for the testing:** № 2-0416/02.06.2023, without report from sampling from CPTL
5. **Location of performance of the testing:** Construction Product Testing Laboratory
6. **Test methods:**
520:2004+A1:2009 Gypsum plasterboards - Definitions, requirements and test methods
ISO 12572:2017 Hygrothermal performance of building materials and products - Determination of water vapour transmission properties - Cup method (ISO 12572:2016)
7. **Date of delivery of the sample for testing to the laboratory:** 24.07.2023
8. **Description of the received sample:** four boards with full sizes; 7 samples 400/300mm; 1 sample 500/500mm; 6 samples 125/125 mm; 3 samples 300/300 mm.
9. **Date/s/ of performance of the testing:** 09.08.2023 ÷ 25.08.2023

Head of laboratory:
(eng. H. Angelova)

Test report No I 1 10 1197WA / 12.03.2024 replaces Test Report No 1 10 1197WA / 26.09.2023, which should be considered invalid

10. Results from testing:

№	Name of testing/ characteristic	Unit of measure	Test method	Diary sample №	Test results (uncertainty)		Environmental conditions
1	2	3	4	5	6		7
1.	Determination of squareness of ends	mm/m	EN 520:2004+A1:2009	1060-0	2.4 0.6 2.1		t°= (22 ± 0.2)°C RH= (51 ± 1.5)%
2.	Surface water absorption - the face	g/m ²	EN 520:2004+A1:2009	1060-0	202 198 202	Average 200	t°= (22 ± 0.2)°C RH= (51 ± 1.5)%
3.	Surface water absorption - the back	g/m ²	EN 520:2004+A1:2009	1060-0	205 195 198	Average 199	t°= (22 ± 0.2)°C RH= (51 ± 1.5)%
4.	Water vapour permeability - μ	-	EN ISO 12572:2017	1060-0	12 12 12	Average 12	t°= (22 ± 0.2)°C RH= (51 ± 1.5)%

11. Additions to, deviations, or exclusions from the test methods: No

12. Additional information required by the test method: No

Note I: The test results apply to the tested samples only.

Note II: The report from testing shall not be reproduced except in full, without approval of the laboratory.

Note III: The laboratory is not responsible for the information presented by the applicant in p. 2, for the influence of this information on the validity of the results, as well as for the taking of samples when they are provided by the applicant.

Tested by:.....

(I. Ivanov)

.....
(T. Laskova)

Head of laboratory:.....

(eng. H. Angelova)



END