



المتحدة للصناعات التعدينية United Mining Industries

SPECIFICATIONS OF WATER RESISTANT BOARD (G K B1) FOR U. M. I.

THE BOARD ARE COVERED WITH A GREEN CARDBOARD ON THE FACE SIDE & GREY OR GREEN CARDBOARD ON THE BACK SIDE WITH GREEN EDGE TAPE

THE CORE OF BOARDS IS TREATMENT WITH SILICON WHICH IS IMPREGNATED THE CORE
THIS TREATMENT PROVIDES A HIGH RESISTANT AGAINST WATER AND MOISTURE
THE BOARDS MANUFACTURED ACCORDING TO EN 520 – 2004 AND CONFORMED WITH SASO (ASTM C1396/C1396M)

EDGES: - TAPERED (T/E), SQUARE (S/E), BEVELED (B/E) & ROUND (R/E)

THICKNESS: - 9.5 mm, 12.5 mm, 15 mm, 16 mm, (18 , 19) mm (± 0.4 mm)

DIMENSIONS: - LENGTH: FROM 1800 mm TO 4000 mm
- WIDTH : 1200 mm , 1220 mm (± 3 mm)

* BOARD IS TESTED ACCORDING TO ASTM C473 AND EN 520 - 2004 METHODS

TEST	9.5 mm		12.5 mm		15 mm		(18 , 19) mm	
	⊥	∥	⊥	∥	⊥	∥	⊥	∥
Breaking load EN520-2004 Specification	≥ 400 N	≥ 160 N	≥ 550 N	≥ 210 N	≥ 650 N	≥ 250 N	≥ 650 N	≥ 250 N
Breaking load SASO (ASTM C1396/C1396 M) Specification	≥ 356 N	≥ 133 N	≥ 489 N	≥ 178 N	≥ 667 N	≥ 222 N	≥ 756 N	≥ 267 N
UMI Test Results	515 N	255N	689 N	311 N	764 N	343 N	835 N	367 N
Humidified Deflection SASO (ASTM C1396/C1396 M) Specification	max 48 mm		max 32 mm		max 16 mm		not required	
Deflection EN520-2004 Specification	Not Applicable		⊥ ≤ 0.8 mm ∥ ≤ 1 mm		⊥ ≤ 0.8 mm ∥ ≤ 1 mm		⊥ ≤ 0.8 mm ∥ ≤ 1 mm	
UMI Test Results	0.8 mm		0.7 mm		0.64 mm		0.52 mm	
Water Absorption EN520- 2004 Specification	MAX 10 %		MAX 10 %		MAX 10 %		MAX 10 %	
Water Absorption SASO (ASTM C1396/C1396 M) Specification	MAX 5 %		MAX 5 %		MAX 5 %		MAX 5 %	
UMI Test Results	5 %		4.40 %		3.80 %		4.20 %	
Unit Weight Kg/m2	8		9.5-10		11.5-12.0		13.5-14.0	

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إدارة المصنع:

ينبع، ص.ب. ٣١٤٩١،
هاتف: ٨٧٧٧ ٣٩٦ ٩٦٦+
فاكس: ٢٦٦٦ ٣٩٦ ٩٦٦+

المركز الرئيسي

ص.ب ١٢٧٣٩٨ جدة ٢١٣٥٢
هاتف: ٣٤٩٧ ٢٦٩١ ٩٦٦+
فاكس: ٣٦٨٢ ٢٦٨٢ ٩٦٦+