

CAPCO  
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No: 2538/1973A/MT08

Page: 1 of 2

Date: 2008-12-05

**This report replaces report no. 2538/2017/MT08 dated 2008/11/09**

**GYPSUM PLASTERBOARD  
SANS: 266:2003**

**1 OBJECT OF TEST**

To determine whether the sample received complies with the breaking load and total water absorption requirements of SANS 266:2003 "Gypsum plasterboard"

**2 SAMPLE**

**2.1 DESCRIPTION OF SAMPLE**

- 2.1.1 Two gypsum plasterboards with nominal dimension 2400 mm x 1200 mm x 9 mm.
- 2.1.2 Two gypsum plasterboards with nominal dimension 2400 mm x 1200 mm x 12 mm.

**2.2 DATE OF RECEIPT**

07 October 2008

**DATE OF TEST**

21 October 2008

**2.3 CONDITION OF SAMPLE**

The sample was in suitable condition for testing purposes.

**3 EQUIPMENT INFORMATION**

- 3.1 Type: Avery Denison  
Capacity: 1000 N  
Calibration certificate no: AFIS 903 – 1

- 3.2 Type: Scale  
Capacity: 60kg  
Calibration certificate no: 2001/B043B

LAB T 0026

S A N S



**4 NAME OF LABORATORY**

Building and Construction Laboratory of SABS Commercial (Pty) Ltd.

**5 RESULTS**

Nature of test	Results				Minimum Requirements
	Minimum		Maximum		
5.1 Dimensions, mm	2400	1200	2400	1200	
	9		9		
Breaking load, N					
Transverse	162	160			140
Longitudinal	388	384			360
Total water absorption (%)	51,8	53,5	52,0	52,8	<5
5.2 Dimension, mm	2400	1200	2400	1200	
	12		12		
Breaking load, N					
Transverse	210	222			180
Longitudinal	530	528			500
Total Water absorption (%)	54,1	53,4	54,2	53,2	<5

**6 REMARKS**

- 6.1 The sample tested did not comply with the total water absorption requirement of SANS 266:2003, although section 3.6 moisture resistance says "Only Gypsum Wallboards is produced to be moisture resistance unless otherwise required"
- 6.2 The sample tested complies with breaking load requirements of SANS 266:2003.
- 6.3 This is a once off test and does not represent a consignment.
- 6.3 The client is not a SABS Mark holder.

*E Seeger*  
**E Seeger: MANAGER**  
**BUILDING & CONSTRUCTION**

*J Maswikaneng*  
**J Maswikaneng**  
**TEST OFFICER**