



CERTIFICATE

Material Fire Test Certificate

No. 2024-01 I01R00

ISSUED 13 June 2018

EXPIRY 12 June 2023

**Regen Building Solutions
Megaboard**

**AS 1530.1-1994:
COMBUSTIBILITY TEST
FOR MATERIALS**

Sample Identification

The tested material is a magnesium based cement sheet comprising by weight Perlite 8%, Fibre Glass Mesh 1% non woven fabric 1%, magnesium oxide 48%, magnesium chloride 41%, wood fibre 10%. The material is provided in the following thicknesses being 6mm, 8mm, 10mm and 12mm.

Product Description

The tested material is the uncoated magnesium cement sheet panel

The test specimens are cylindrical and each have –

- (a). Nominal thickness: 10 mm
- (b). Nominal diameter 44mm
- (c). Nominal mass: 86.70g
- (d). Nominal density: 1178 g/m³
- (e). Colour: White

Test Procedure

Five (5) samples were tested in accordance with Australian Standard 1530 Methods for fire testes on building materials, components and structures, Part 1- 1994: Combustibility Test for Materials.

Observation

Test Results

Mean furnace thermocouple temperature rise ΔT_f :	2.77°C
Mean specimen surface thermocouple temperature rise ΔT_s :	22.17°C
Mean duration of sustained flaming:	0 seconds
Mean mass loss:	44.86 %

Combustibility

The material is NOT deemed COMBUSTIBLE according to the test criteria specified in clause 3.4 of as 1530.1- 1994.

Notes

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

PRESENTED TO
Regen Building Solutions
16 Millers Road
Wingfield SA 5013
08 8464 0199

TEST BODY
Ignis Labs Pty Ltd
ABN 36 620 256 617
PO Box 5174
Braddon ACT 2612




Benjamin Hughes-Brown FIEAust CPEng NER APEC Engineer IntPE(Aust)
Chartered Professional Engineer
CPEng, NER (Fire Safety / Mech) 2590091, RPEQ11498, BPB-C10-1875, EF-39394,
MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)