

Issued To: DIAMOND INTERNATIONAL INEX PRIVATE LIMITED
PLOT NO.98, SECTOR-8,
IMT MANESAR,
GURGAON-122001

Report No.: 141007017/1410070050 Date: 15-Nov-2014
Sample Description : DIAMOND MINERAL FIBER CEILING TILE TYPE APT-002, 16MM THK
DOR 07-Oct-2014

Phone/Fac
Kind Attn. :

Your Ref. No. :

ID:1410070050

NON-COMBUSTIBILITY TEST:

SCOPE:

To determine the non-combustibility performance of building products

PROTOCOL: BS 476-4:1970

TEST SPECIMEN

- a) Width and breadth: 40 mm
- b) Height 50 mm,
- c) No. Of Specimen: 3

TEST CONDITION:

Before test, the samples are dried in a oven at 60 ± 5 °C for 24 h and then cooled to ambient temperature in a desiccator.

TEST METHOD

The test is carried out in the furnace. The furnace temperature is measured by the thermocouple, positioned so that its hot junction is 10 mm from the wall of the furnace and at mid-height of the specimen. A second thermocouple is placed in the center of the specimen, inserted from the top through a 2 mm diameter hole drilled. This shielded thermocouple is maintain contact with the material at the bottom. The furnace is heated and its temperature stabilized at 750 ± 10 °C for a minimum period of 10 min. The specimen then inserted in the furnace the whole operation being performed is not more than 5 s. A record is made for a further 20 min of the temperature of the two thermocouples by means of a continuous recorder; the occurrence and duration of any flaming in the furnace are noted. The stabilized heating current is maintained unchanged for the period of the test.



[Signature]
Analyst

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DGS & D, DDA, MOEF, DGCA approved,
ISO - 9001: 2008, ISO 14001 : 2004 & OHSAS 18001:2007 Certified Laboratory
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OBSERVATION:

Test Description	Sample-1	Sample-2	Sample-3	Requirement
Continuous burning duration (sec)	9	6	8	≤ 10
Furnace temperature rise(°C)	14	12	15	≤ 50
Two thermocouple temperature rise (°C)	10	10	8	≤ 50
Classification	Non-combustible	Non-combustible	Non-combustible	Non-combustible

Remark: The sample conforms the limits as per BS 476 pt-4-1970 for non-combustibility.

Protocol: BS 476 pt-4-1970



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