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Project No. TST - 0126

BRIEF EVALUATION REPORT

BS : 476-Part 6 : Method of evaluation for Fire Propagation for Products

Date of Evaluation : June 07, 2016

Sponsor : M/s Andhra Polymers Private Limited
Plot No.2, Phase-V, IDA, Jeedimetla,
Hyderabad - 500 055

Description of Product : **'AEROLITE CALCIUM SILICATE TILE'**
Thickness: 12 mm,
(**'AEROLITE'** Ceiling tile is a calcium silicate based product.
It is a light weight building interior ceiling & lining
material/product manufactured using lime & silica with
some fillers & reinforcing agents.
The bulk density is $400 \pm 50 \text{ kg/m}^3$)
(Product description has been prepared on the basis of the
information provided by the sponsor).

Specimen dimensions : 225 mm x 225 mm x 12 mm

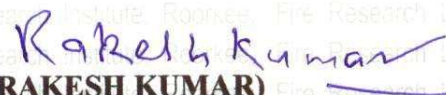
Results

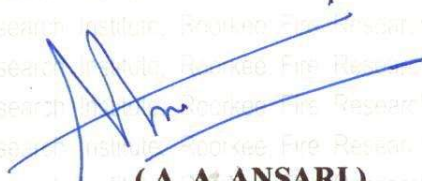
**Number of specimens
evaluated** : Three

Fire Propagation Index, I : **5.40**

Sub-indices : $i_1 = 1.36$, $i_2 = 2.55$, $i_3 = 1.49$

The evaluation results relate only to the behaviour of the specimens of a product under the particular conditions of the evaluation, they are not intended to be the sole criterion for assessing the potential fire hazard of the materials in use.


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