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Our reference: FTC 16/116 (Rev. 1)

OWA Ceiling Systems South Africa

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Attention: Patrick Young

12 July 2016

Dear Sirs

FIRE PROPERTIES: OWACOUSTIC CEILING TILES

With reference to your enquiry regarding the use of your mineral fiber ceiling tiles tested by **FIRELAB**, test reports **FTC13/101** and **FTC14/089** on the above system, we wish to comment as follows:

- ✿ Although the mineral fiber ceiling tiles tested were rated as combustible, using the test method **SANS 10177 – 5**, Combustibility at 750 °C flaming in excess of 10 seconds, the mineral fiber material will not spread fire.
- ✿ The ceiling system was tested using **SANS 10177 – 10**: Flame spread properties, and the system was classified as **B/B1/2** as set out in **SANS 428**. The fact that a 2 (use) was awarded to the system was based on the requirements set out in **SANS 10400 – T**, Fire Safety, limiting the use of combustible materials in buildings.
- ✿ However, based on the actual fire performance tests on the mineral fiber tiles used in a system, the material does not have the ability of any flame spread, hence the classification of B1 (no ignition outside the fire source area), however, should a facing be considered the **B1** Classification would be invalid unless tested.
- ✿ Based on the fire performance of the tiles during testing, we are of the opinion that the **OWAcoustic** mineral fiber ceiling tile system may be used in any building application with no limitation.

I trust the foregoing will be of assistance to you, but should you require any further information, please do not hesitate to approach the undersigned.

Yours faithfully

K Strydom

FIRELAB