

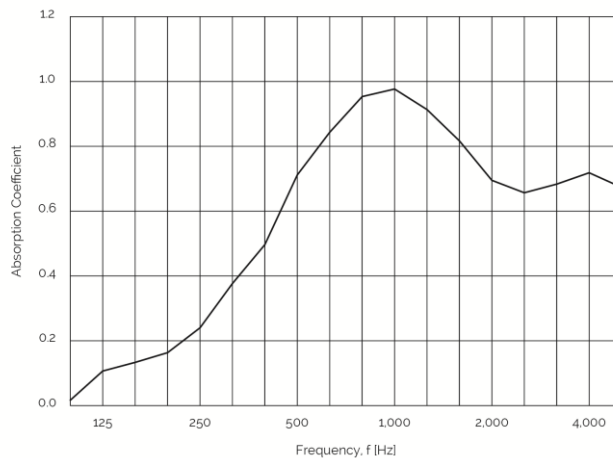
## Specifying Akupanel

Division 6 (6400 Architectural Millwork)

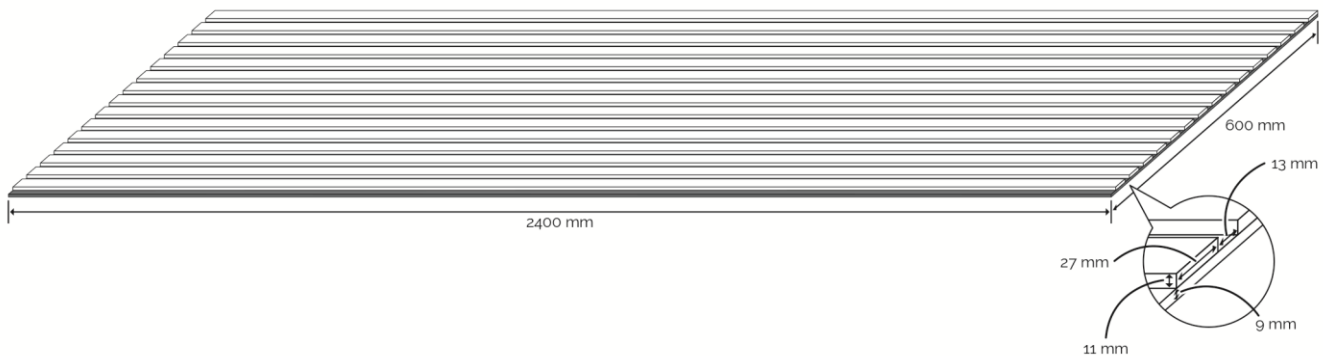
Akupanel is a stock item for Interlam. Lead time for material in stock will be 2-5 business days to pack and prepare for shipping. Material not in stock will have a 5-6 week lead time to produce more material. Lead times are determined upon receipt of payment and current inventory, which are based on a "first-come, first-served" basis and are dependent upon our current work load and inventory. Interlam does not charge nor accept additional charges to rush orders. All orders are processed as quickly as possible in the order they are received.

### **General Description:**

The Akupanel product offers the customer the beauty of natural wood veneer with the added benefit of superior sound absorption and lowering noise reverberation time. As shown in the graph below, the panel obtains a Noise Reduction Coefficient of 0.97 at a frequency of 1,000 Hz.



Akupanel is composed of Black PET Polyester Fiber, Black thru colored MDF and real wood veneer. Nominal panel sizes are 600mm x 2400mm x 20mm (23 5/8" x 94 1/2" x 13/16"). Each strip is 11mm thick and 27mm wide with a 13mm gap in between. They are attached to 9mm thick black-dyed PET Polyester Fiber material by staples from the backside.



### **Fire Rating:**

Akupanel has a Flame Spread of 65 and a Smoke Index of 522 thus rating it as Class B

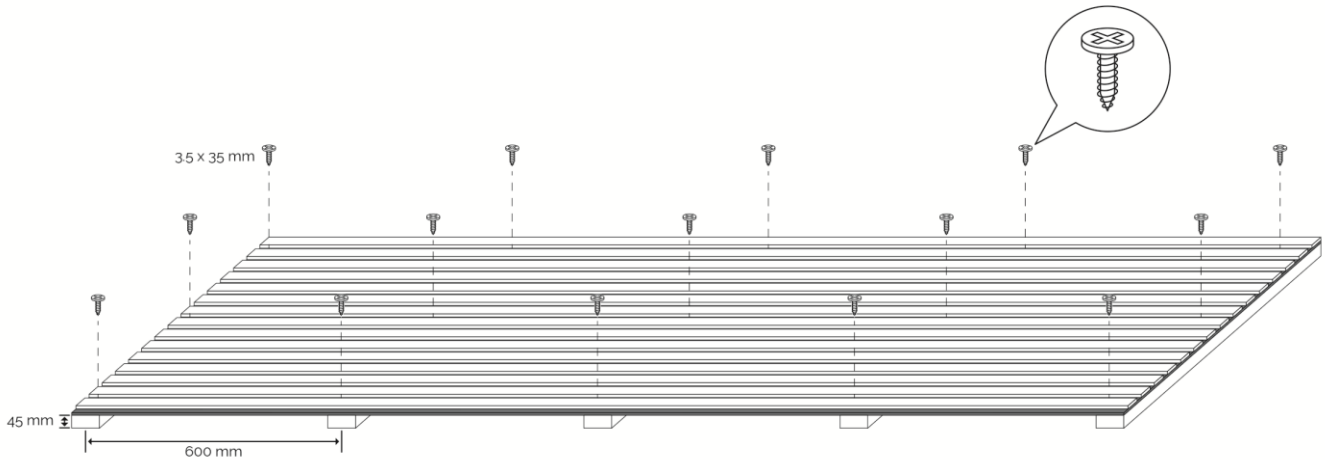
### **Color Consistency of Natural Wood Veneers:**

Common characteristics of natural wood veneers are variations in color, grain, texture and figure. "End to end" alignment and matching of the veneer cannot be guaranteed from panel to panel. The incorporation of framework, reveals, etc. should be considered to achieve the desired effect.

**Akupanel Installation:**

Akupanel can be installed on walls and ceilings. 45mm thick studs installed directly to the wall or ceiling on 600mm centers are recommended. Akupanel can then be attached to the studs by using screws (min. 3.5mm x35mm) between the strips through the PET fiber backing into the studs. A minimum of 15 screws per panel is recommended. Using a black-painted screw will achieve the best appearance.

Ceiling installations may be achieved in multiple ways. These panels can be cut and used in a ceiling grid, similar to an Armstrong Ceiling System. They may also be suspended from the ceiling as well. This is best achieved by threaded rod for attachment and aircraft cable for suspension at preferred height.



**FURTHER QUESTIONS SHOULD BE DIRECTED TO:** [josh@interlam-design.com](mailto:josh@interlam-design.com)