

Specifying Akupanel 1x025

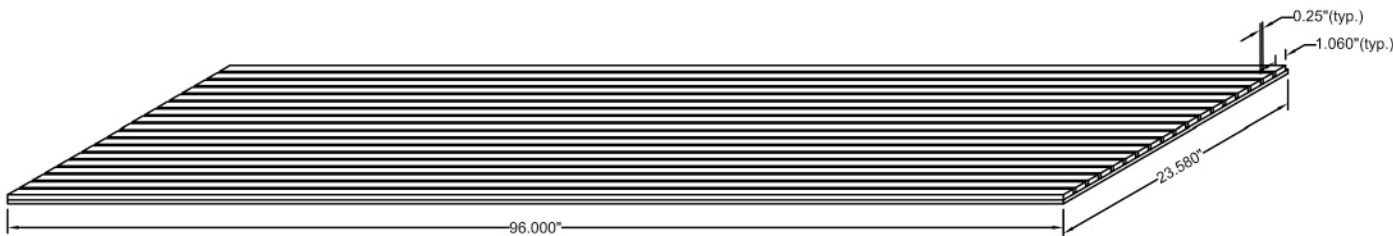
Division 6 (6400 Architectural Millwork)

Akupanel 1x025s are 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 1x025 product offers the customer the beauty of natural wood veneer with the added benefit of superior sound absorption and lowering noise reverberation time. The panel achieves an absorption coefficient of 0.52 at a frequency of 1,000HZ.

Akupanel 1x025 is composed of Black PET Polyester Fiber, Black thru colored MDF and real wood veneer. Nominal panel sizes are (24" x 96" x 13/16"). Each strip is 11mm thick and 1.06 inch wide planks with .25 inch spacing. They are attached to 9mm thick black-dyed PET Polyester Fiber material by staples from the backside.



Core Materials Flame Spread and Smoke Developed Index:

The PET backer has a Flame Spread Index of 0 and a Smoke Developed Index of 350. The black thru colored MDF has a Flame Spread of 15 and a Smoke Developed Index of 5. Class A classification has Flame Spread Index between 0-20 and Smoke Developed Index between 0-450.

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 1x025 Installation:

Akupanel 1x025 can be installed on walls and ceilings. For direct application, furring strips installed directly to the wall or ceiling on 600mm centers perpendicular to the Akupanel 1x025 are recommended. Akupanel 1x025 can then be attached to the furring strips by using screws between the strips through the PET fiber backing into the studs. A minimum of 15 screws per panel is recommended. Using a black-anodized screw will achieve the best appearance. In addition to the screws a small bead of construction adhesive applied to the furring strips may also be used if desired.

Along with using furring strips, ceiling installations may also be achieved by cutting the Akupanel 1x025 to fit into a suspended ceiling grid system similar to what is used for typical drop ceilings. Akupanel 1x025 may also be suspended from the ceiling in full panel lengths as well. This is best achieved by using threaded eyebolts for attachment and aircraft cable for suspension at preferred height.