



PALBOARD™ HYG

Active Antimicrobial Multilayered PVC Sheet



PALBOARD, PALRAM's multilayered PVC panel for Sign & Display, is now available with an antimicrobial version. **PALBOARD HYG** combines the properties of **PALBOARD** that make it a high-end solution for 3D displays and fabrication elements, with Hygienic Anti-Microbial technology that reduces mold, fungi and bacterial growth. The active compounds of **PALBOARD HYG** reduce microbial colonies by up to 99.99% within 24 hours. **PALBOARD HYG** is an active element in fighting infections.

PALBOARD HYG is a suitable material for Fresh food displays, fresh meat areas, and supermarket shelves. It helps retailers maintain high hygienic standards, at times when they do their utmost efforts to improve bio-security measures. Antimicrobial hygienic Sign & Display is a unique solution that is ideal for almost any environment.

Main Benefits of PALBOARD™ HYG

- Improves bio-security
- Easy to fabricate and thermoform; can be cold-formed with v-cuts through CNC routing or cutting
- Ultra-smooth and uniform surface that resists dents and scratches
- Recycled lightweight foam PVC core
- High structural strength with a relatively low weight
- Excellent chemical and fire resistance
- Good electrical and thermal insulation

Flammability

PALBOARD is self-extinguishing and complies with the most demanding international fire resistance standards in the field of plastics, as indicated in the detailed table herein. The classification is subject to product type, thickness and color.

Standard	Thickness	Classification*
EN13501	3mm	B, s2, d0
	3-10mm	B, s3, d0
UL 94	3-10mm	V-0

* For more detailed information please contact your Palram distributor.

Standard sizes

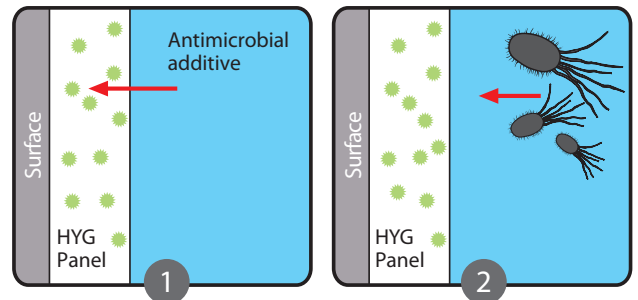
Thickness: 3, 5, 10 mm

Length: 2,440 mm / 3,050 mm

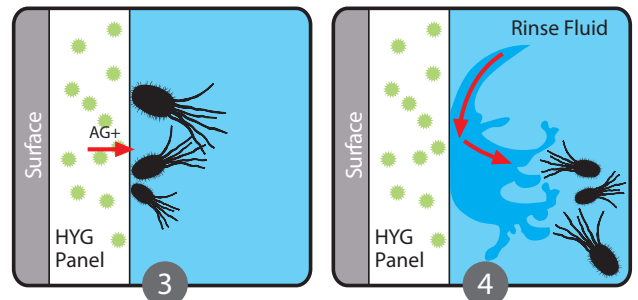
Width: 1,220 mm / 1,500 mm / 2,030 mm

How Does HYG Technology Work?

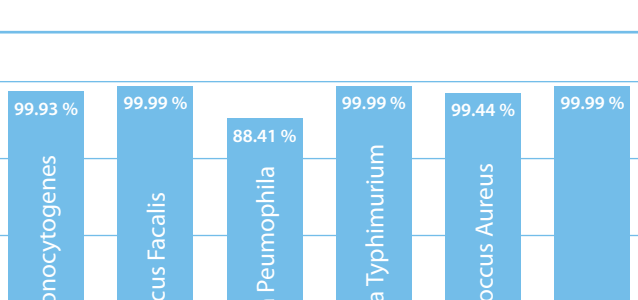
Silver ions are incorporated into the PVC compound before the extrusion process, and improve the inherent antimicrobial quality of the rigid PVC panel. They enable the panel to influence a wide variety of microbes on contact, including those resistant to antibiotics.



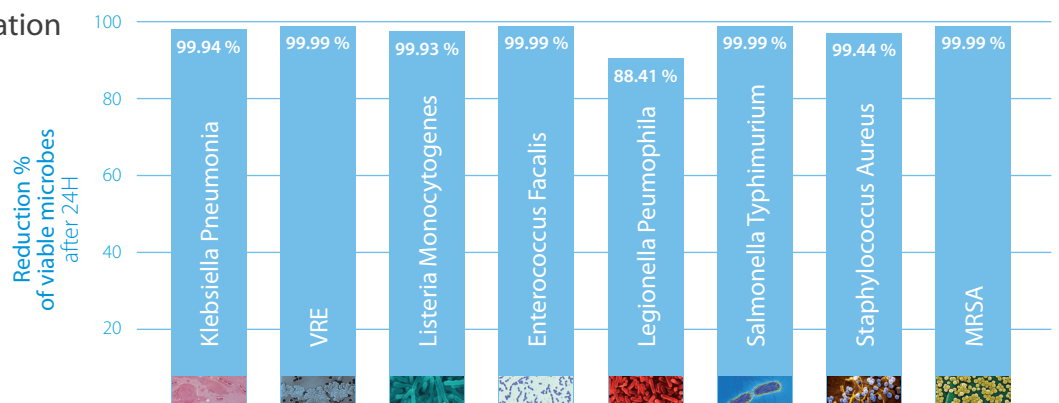
PALBOARD HYG is installed as wall cladding. Microbes approach the surface.



Upon contact, active silver ions are transferred onto the microbes, cease their mitosis and significantly reducing them.



Reduction From Initial Population



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000004 - 03.2020

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