

ABET LAMINATI PRODUCT GUIDE SHEET

HORIZONTAL GRADE POSTFORMING (HGP) 0.8 mm HIGH PRESSURE LAMINATE

Manufacturer:
ABET LAMINATI

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PRODUCT DESCRIPTION

Basic Uses: ABET LAMINATI Horizontal Grade Postforming 0.8 mm is manufactured for interior horizontal and vertical surfaces. Typical horizontal applications include work surfaces on counters, table tops, residential and commercial furniture, case goods, store fixtures, and work stations. Vertical applications include wall panels, cabinet walls, doors, toilet partitions, lift cab interiors, front panels of workstations in hospitals, restaurants, retail stores, and airports. This grade also has the capability of postforming to achieve radius edges for counters, desktops, and store fixtures. In general, darker laminates show scratches more readily than lighter colors. This needs to be considered when choosing a surface that experiences traffic.

Standard Sheet Size: 3050mm x 1300mm (other sheet sizes available to order)

Thickness: 0.8 mm

FABRICATION AND ASSEMBLY

ABET LAMINATI laminates should be bonded to suitable substrates such as particleboard and medium density fiberboard (MDF) with suitable contact, semi-rigid (PVAc) or rigid (urea or resorcinol) adhesives. The choice of adhesives is based upon the service for which the assembly is intended and the bonding facilities available. In all cases, the adhesive manufacturer's instructions for use should be followed closely.

Balancing sheets are recommended for use on the back of the panel assemblies to protect the substrate from humidity changes and reduce warping.

All laminates are to be inspected prior to lamination to ensure they are sound, clean, and free of surface defects. Protective film should be removed prior to inspection. Imperfections found on coated products after fabrication may not be protected by any warranty.

High pressure decorative laminates and substrates should be allowed to acclimate for at least 48 hours at the same ambient conditions. Optimum conditions are approximately 23 degrees C (73 degrees F) and a relative humidity of 45% to 55%.

To avoid stress cracking, do not use square-cut inside corners. All cut outs should be routed or filed to ensure smooth edges. A radius of 3.175 mm (1/8") or larger in the corners is recommended to minimize stress cracking. Drill oversize holes (at least 0.05 mm or 0.002" larger in diameter) for screws and bolts. Material, equipment, and workmanship should conform to industry standard practices, conditions, procedures, and recommendations.

TECHNICAL DATA

ABET LAMINATI high pressure decorative 0.8 mm horizontal grade laminate is manufactured to conform to the requirements of EN-438.

MAINTENANCE AND CARE

ABET high pressure laminates have a hard, durable melamine surface and will maintain their attractive appearance longer than most other decorative surfacing materials and require minimal maintenance. The decorative surface may be cleaned with warm water and a mild soap or detergent using a damp cloth or sponge. Difficult stains such as coffee or tea can be removed using a mild household cleaner/detergent and a soft bristle brush, repeating as necessary.

Do not use abrasive pads, scouring powders or cleansers as they may permanently dull or scratch the laminate surface making it susceptible to staining. Harsh chemicals such as oven cleaner, toilet cleaner, drain cleaner, and acids and alkalis chemicals will etch and discolour the decorative surface. Free copies of our "Care and Cleaning of Laminates Guide" are available on our website.

TECHNICAL SERVICE

For further assistance with samples, literature or technical information, please call our UK & Ireland Head Office on 0207 473 6910, from 8:30 am to 5 pm, Monday to Friday, or visit our web site www.abetuk.com.