

# Hardboard

## HOW IT'S MADE

Hardboard is a composite panel manufactured primarily from inter-felted, ligno-cellulosic fibers consolidated under heat and pressure. Other materials may be added during the manufacturing process to improve certain properties, such as resistance to abrasion and moisture, and to increase strength and durability.

## LEADING APPLICATIONS

Office & Residential Furniture • Prefinished Paneling • Door Skins • Perforated Board • Underlayment

**H**ardboard is used in a variety of applications including furniture components, moulded door skins, paneling, underlayment and perforated boards.

Hardboard has a uniform thickness, density, appearance and has no grain. It resists marring, scuffing and abrasion, as well as changes in temperature and humidity. Hardboard can be cut, routed, shaped and drilled with standard woodworking tools. In addition, it can be securely glued or fastened with screws, staples or nails. Hardboard panels can be laminated with paper overlays, plastic laminates and veneers.

### PRODUCT STANDARDS AND CERTIFICATION

The ANSI A135.4 Basic Hardboard is the North American industry standard. It classifies hardboard by thickness and physical properties, and includes five classes: Tempered, Standard, Service-Tempered, Service and Industrialite.

ANSI A135.5 for Prefinished Basic Paneling establishes the property requirements for dimensional tolerances and moisture content, along with resistance to abrasion, fading, heat, humidity, scrape, steam and stain. Requirements for washability, gloss, workmanship and flame spread are also specified. ANSI A135.4 and A135.5 were developed through the sponsorship of the Composite Panel Association (CPA) in conjunction with producers, users and general interest groups. Copies of ANSI A135.4 and A135.5 are available from CPA. ■



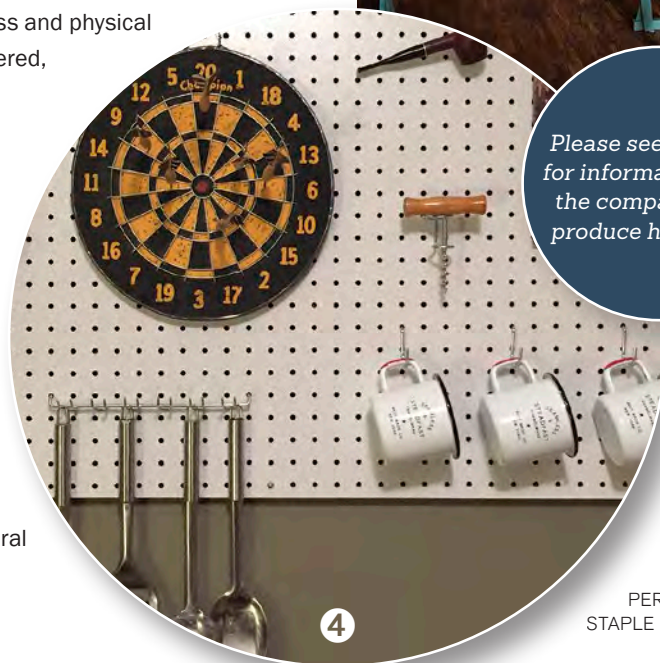
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2



3



4

Please see page 100 for information about the companies that produce hardboard.

ITS LIGHT WEIGHT, THIN PROFILE AND STRUCTURAL INTEGRITY MAKE HARDBOARD THE RIGHT CHOICE FOR BACKING MATERIAL IN INTERIOR WALL PANELING 1 AND OFFICE AND RESIDENTIAL FURNITURE 3. THIS TRENDY BAR FEATURES WALLS MADE OF HARDBOARD PANELS EDGED IN BRASS 2. PERFORATED HARDBOARD HAS LONG BEEN A STAPLE IN HOME ORGANIZATION AND STORAGE 4.