



PARTICLEBOARD
MAKING A GOOD CHOICE

INTRODUCTION

PARTICLEBOARD THE MATERIAL OF CHOICE FOR TODAY

More and more, the use of particleboard has become widespread in all areas of modern life. Its use is increasing rapidly in all areas of modern life. Its use is increasing rapidly in all areas of modern life. Its use is increasing rapidly in all areas of modern life. Its use is increasing rapidly in all areas of modern life.

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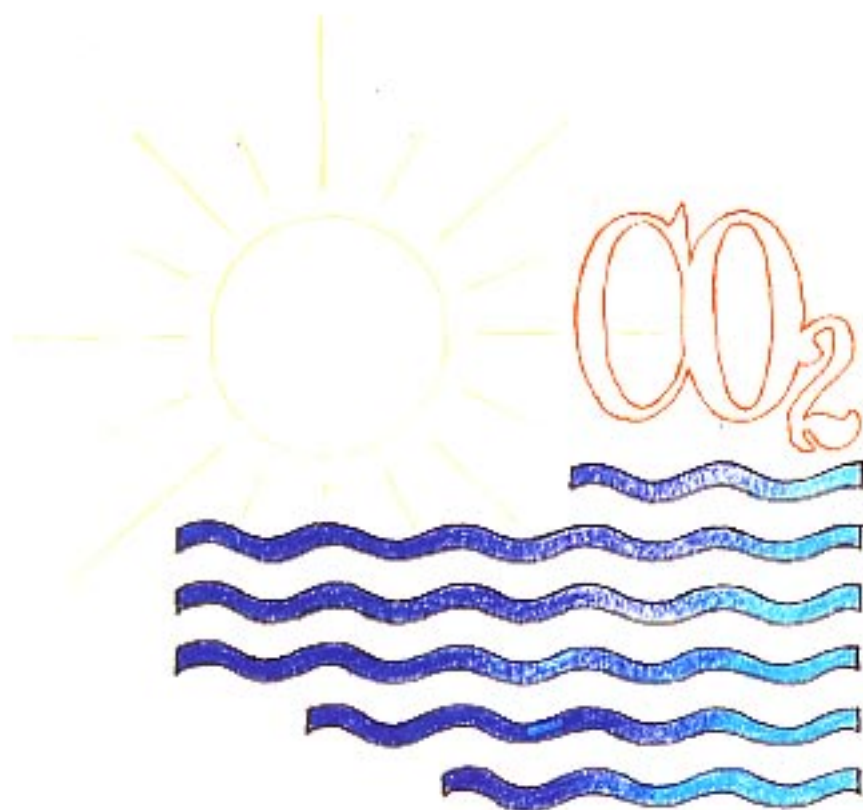
**IF
PARTICLEBOARD
DID NOT EXIST, IT
WOULD BE
ABOUT TIME TO
INVENT IT!**

WOOD, THE RAW MATERIAL OF THE FUTURE

Wood is one of nature's most precious gifts. It is a raw material which grows naturally, needing only the sun, water and carbon dioxide (CO₂) as one of mankind's most important renewable raw materials in the past and in the future.

Sustainable management of forests around the world ensures that wood remains a renewable raw material. In Europe, annual growth of timber considerably exceeds the amount felled. Studies show that in the European Union, annual growth amounts to 270 million m³, while harvesting only amounts to about 150 million m³. Timber resources in the EU are increasing by about 10 billion m³ per year. In other countries, forest resources are increasing by about 65 billion m³ per year.

We need the wood of the future to build us. Forests are protected and managed sustainably. Sustainable management of forests maintains their ecological continuity. Choosing wood helps preserve our heritage.



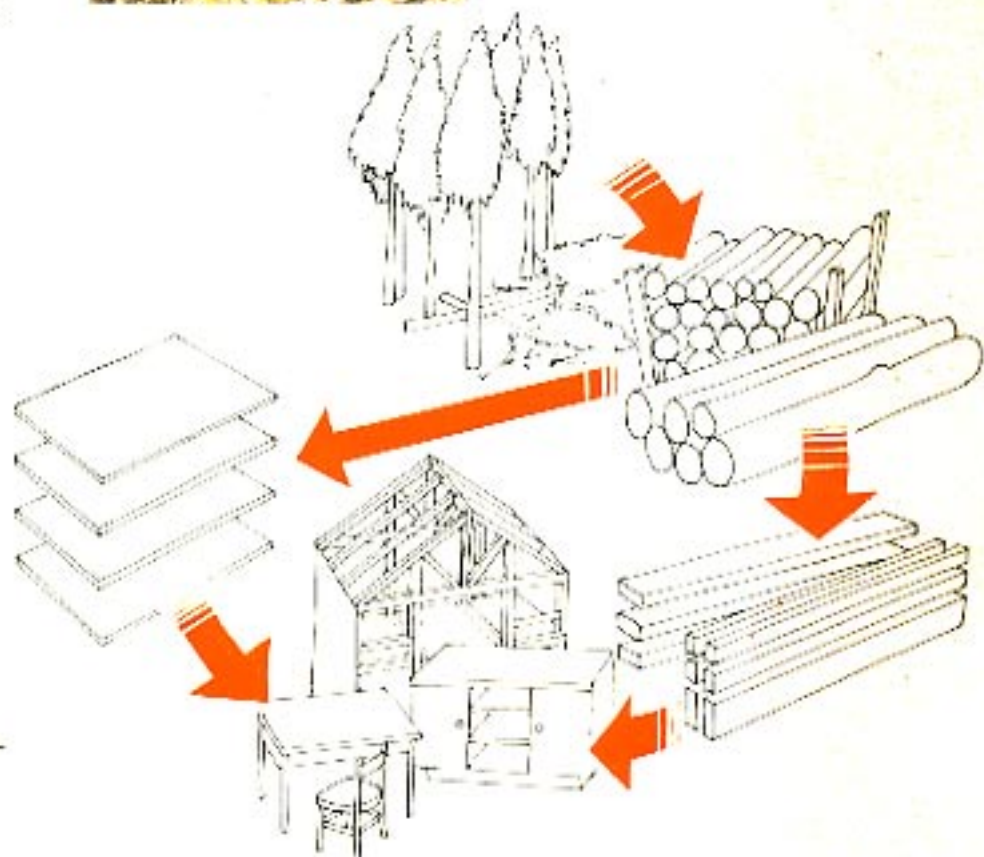
**CHOOSING WOOD
HELPS PRESERVE
OUR FOREST
HERITAGE**

CAN WE MAKE BETTER USE OF THE RAW MATERIAL WOOD

With almost 100 million hectares of wood available in the world, most of which is still being used as firewood, the single most developed opportunity to make better use of wood is the use of sawmill by-products and mill residue.

Particleboard and medium density fibreboard are manufactured from wood chips, sawdust, shavings, trimmings, and other wood residues. Wood residues from other industries can also be used in particleboard manufacture. Particleboard can be used in many applications, such as for doors, window frames, and furniture.

When you compare the use of wood as a structural material with the use of wood as a raw material, you will find that the use of wood as a raw material is the most efficient use of wood.



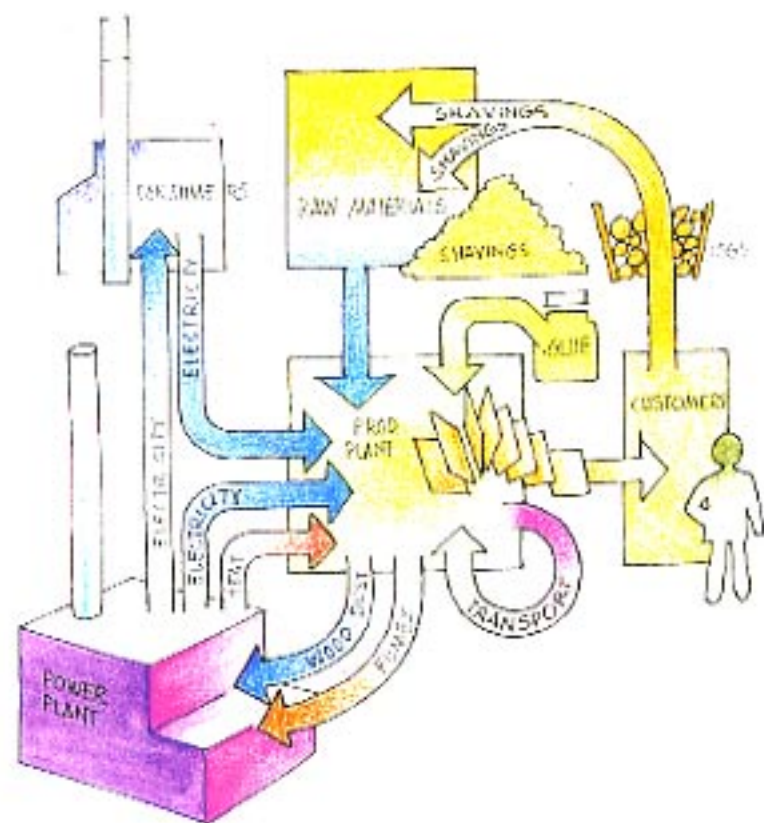
CHOOSING PARTICLEBOARD OFFERS THE MOST EFFICIENT UTILISATION OF WOOD AS A NATURAL RESOURCE.

RECYCLING PRODUCT

In particleboard production not only is there ~~not~~ a lot of forest residues and trimmings which would otherwise be utilized, but also a number of wood products, such as pallets, old boards and even furniture can be recycled. Only 5% of wooden materials are recycled, with much more being used for the next generation.

The particleboard production process itself generates little or no waste, as much of a production plant will be almost 100% recycling efficiency. With such few problems associated with waste disposal, such as the smallest residues, you can generate profits, not just.

Wood is also a 100% renewable material. Its manufacturing generates no by-products, the "greenhouse" effect. Choosing particleboard can you are making a contribution to environmental awareness and the world.



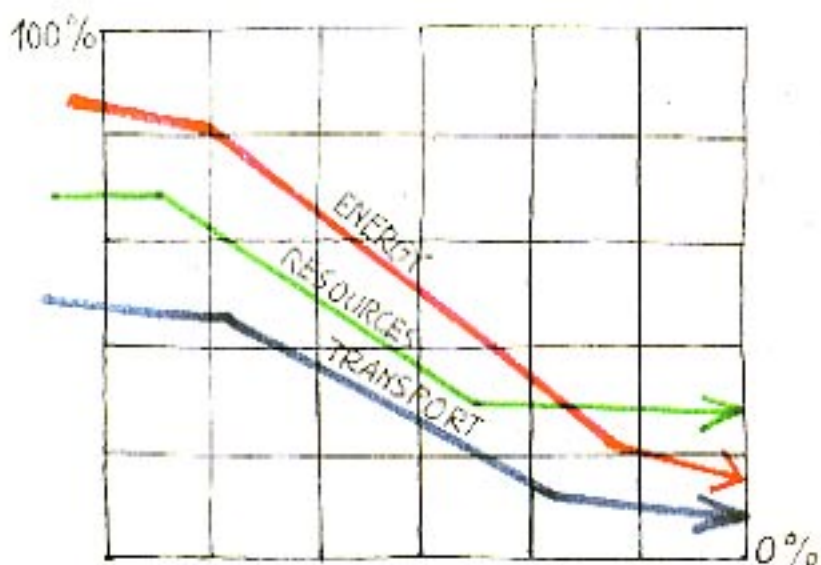
**CHOOSING
PARTICLEBOARD
MEANS YOU STAND
FOR ENVIRONMENTAL
RESPONSIBILITY**

ENVIRONMENTALLY SOUND PRODUCTION

At the present time, particulate and noise levels are measured to control the amount of transport and storage of materials. It is also necessary to take the necessary steps to reduce the noise and vibration of the production process.

At the present time, the standard for the amount of light is a requirement of production facilities. The light and noise levels are being measured and compared with the standard. The standard is being used to guide the design of production facilities. The standard is being used to guide the design of production facilities. The standard is being used to guide the design of production facilities.

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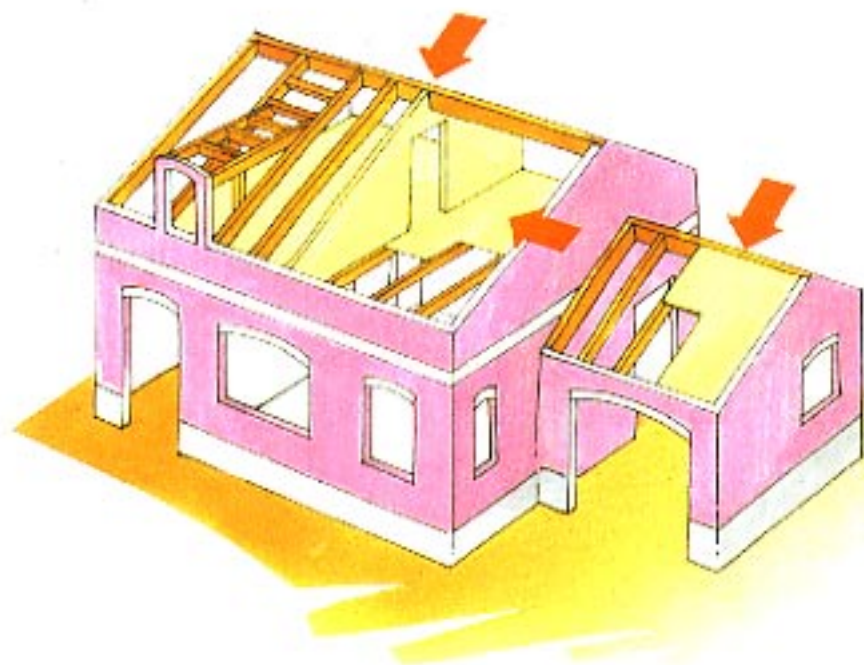


**CHOOSING
A PRODUCT WHICH IS
CLEAN AND SAFE**

BUILDING UP CONFIDENCE

Wood has been one of our most durable building materials for time immemorial. Particleboard for structural applications is easy to handle and to place. Different types of particleboard boards can be prepared according to individual building requirements. Moisture resistance, fire resistance or acoustic insulation are special properties which can be achieved by using specific types of particleboard.

Particleboard can also be used for construction purposes in combination with other materials, for example for the purpose of insulation. Choosing particleboard for your construction needs means you benefit from a reliable and versatile building material.



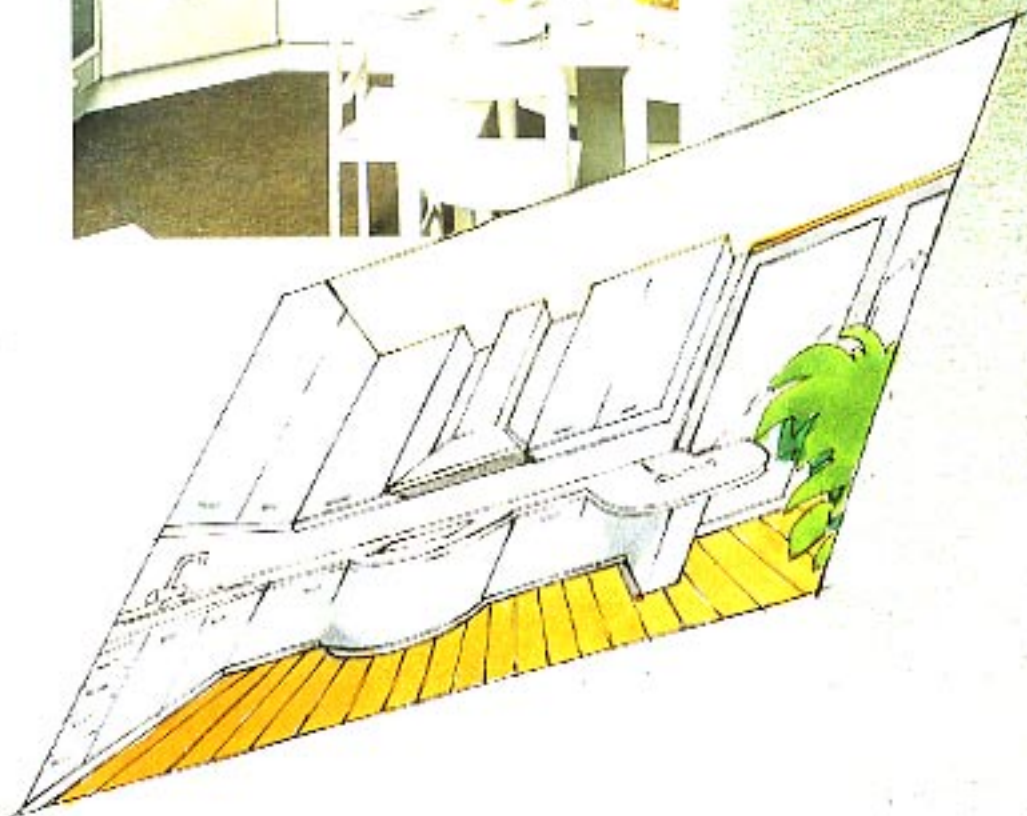
**CHOOSING A
RELIABLE AND
VERSATILE
BUILDING MATERIAL**

TRADITION AND STYLE

Two distinct design approaches are profiled, shared, and synthesized in the early 1970's, when the design world became more open to a wide variety of materials, applications, and combinations of materials.

That era had a variety of great looks, as predicted. It was an era of a wide range of linear profiles, not predominantly traditional-looking. As a result, a number of materials are available, and a wide range of possibilities exist in the marketplace.

Part of the reason for the limited marketplace is that when a new material is first introduced, it is not always immediately accepted. It is often a matter of time before the market is fully open to a new material. It is often a matter of time before the market is fully open to a new material.



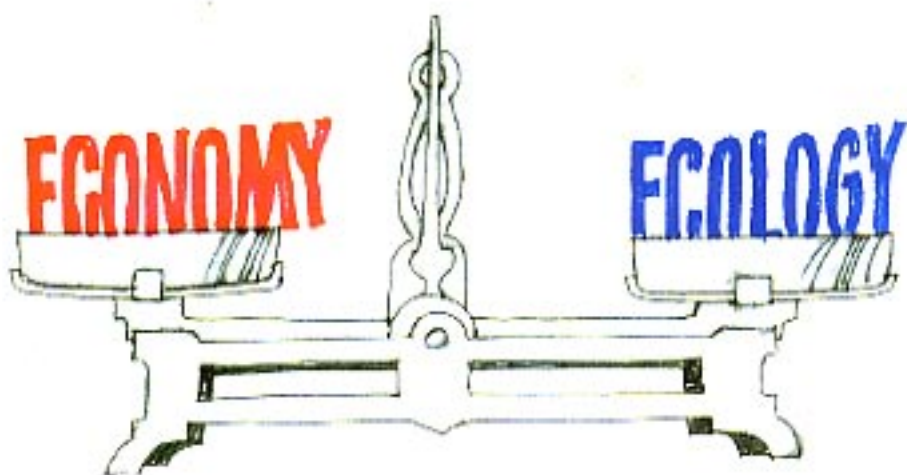
**CHOOSING
TO SUPPORT
TRADITION AND
STYLE**

A GROWING INDUSTRY

The particleboard industry within Western Europe employs more than 300,000 people at over 1000 production plants. From its beginnings, particleboard production has grown steadily. Total production for 1990 was 42% over the 1980s and is expected to reach some 25 million m³. Particleboard is valued for its flexibility as a construction material and will stand it in good stead as the worldwide economy begins to build.

Particleboard is mainly used in the furniture and building industries, but has also other applications.

The 1990 particleboard manufacturing survey under industrial objectives of the ECEP member countries. The breakdown of production shows the share of production countries to overall production volume.



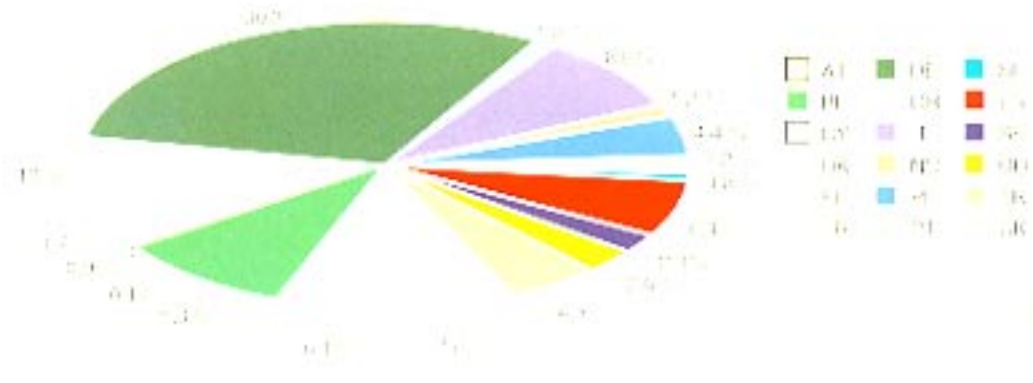
**CHOOSING
PARTICLEBOARD
OFFERS THE PERFECT
SYNTHESIS BETWEEN
ECOLOGY AND
ECONOMY.**



USER MARKETS



BREAKDOWN OF PRODUCTION





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