

## WOOD IS A VERSATILE MATERIAL



ENVIRONMENTALLY FRIENDLY  
SOLID  
EASY TO WORK  
RENEWABLE AND NATURAL



## PLEASANT TO LOOK AND TOUCH

WOODEN SURFACES HAVE POSITIVE PHYSIOLOGICAL AND PSYCHOLOGICAL EFFECTS

## THE USE OF WOOD REDUCES CLIMATE CHANGE



REQUIRES

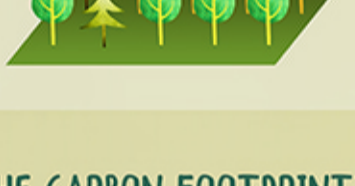
LIGHT  
 $H_2O$   
 $CO_2$

PHOTOSYNTHESIS  
PRODUCES WOOD  
AND OXYGEN



1 TON OF  
CARBON DIOXIDE

1 CUBIC METER OF  
WOOD GROWS



THE CARBON FOOTPRINT  
OF A WOODEN HOUSE IS SMALL.  
IT TAKES 29 YEARS  
OF USE BEFORE IT REACHES  
THE LEVELS OF A NEWLY BUILT  
CONCRETE HOUSE.

## GROWTH OF WOOD AND PRODUCTIVITY OF FORESTS



NORTHERN FINLAND  
IS ONE OF THE BEST  
GROWING AREAS FOR TREES  
IN THE WORLD



FINNISH FORESTS  
PRODUCE CONSIDERABLY  
MORE WOOD  
THAN IS USED

THE MATERIAL  
FOR A MID-SIZE  
WOODEN BLOCK OF FLATS  
GROWS IN OUR FORESTS  
WITHIN LESS THAN  
HALF A MINUTE

29  
SEC.



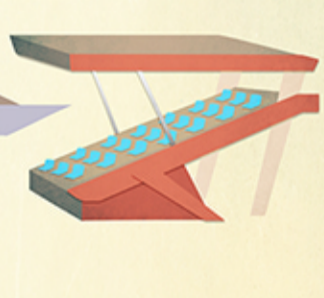
## APPLICATIONS OF WOOD

ROOFS

ONE-FAMILY HOUSES  
AND BLOCKS OF FLATS



BRIDGES  
BIG STRUCTURES



FITTINGS  
STAIRCASES  
FURNITURE

PATIOS  
PERGOLAS  
NOISE BARRIERS  
PIERS



FLOORS  
AND WALLS



## BENEFITS OF BUILDING WITH WOOD

ENERGY  
EFFICIENCY



EASY  
MANAGEABILITY

SPEED AND  
MEASURING ACCURACY

LIGHTNESS COMBINED WITH STRENGTH

RESISTANCE AND  
ENVIRONMENTAL  
FRIENDLINESS

GOOD  
SOUNDPROOFING

EARTHQUAKE  
SAFETY

FIRE SAFETY



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