



Identification	
Name	EUROPEAN OAK
Scientific name	Quercus petraea, Quercus robur
Family	Fagaceae
Commercial dutch name	Eiken
Common names in other countries	Chêne (Fr), Eiche (Du), Oak (GB)
General description	Oak grows in Europe and Asia Minor. The tree is about 45 meters high. The trunk is straight.
Anatomic Characteristics	
Heartwood color	Light brown
Sapwood color	Pale white
Texture	Medium to fine
Physical Properties	
Basic density	730 kg/m ³
Total radial shrinkage	2,7%
Total tangential shrinkage	6,5%
Total volumetric shrinkage	9%
Mechanical Properties (12% M.C.)	
Static bending	950 kg/cm ²
Compression parallel to grain	480 kg/cm ²
Lateral hardness (Janka)	6280 N
Technial conditions for processing	
Machining	Good
Air drying	Moderate
Natural durability	Durable
Vochtdoorlatendheid	Moderate permeable

Interieur foto



Oak 20x240mm