

# Discolouration of wood in the living tree and during processing



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## Occurrence of discolouration

- ➔ Discolouration in the **living tree** (red heart and wounding)
- ➔ Discolouration in **felled and logged wood** before steaming and kiln-drying
- ➔ Discolourations during **steaming and drying processes**
- ➔ Discolourations in kiln-dried wood after **renewed humidification**



## Examples of discolouration in hardwoods



Gums in Black cherry  
(Discolouration in the living tree)



Staining of Hard maple  
(Discolouration during storage)



Oxidative staining of Framiré  
(Discolouration during kiln-drying)



Iron-tannin stain of Oak  
(Chemical reaction)











