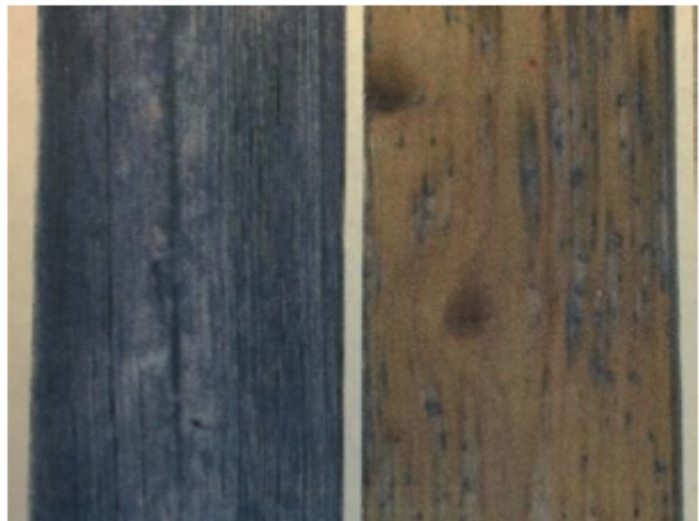


Wood Greying in a Few Words

- Exposure of wood to the weather leads to depolymerisation of lignin and cellulose and to a degradation of cellular structure.
- These changes cause wood to yellow as unsaturated photodegraded lignin compounds accumulate at exposed surfaces.
- Then these changes cause wood surfaces to become grey due to a leaching of photodegraded lignin and fibre fragments from wood by sunlight (UV radiation) and rain.
- The greying can be accompanied by the development of fungi.



The picture on the right demonstrates the difference between an untreated panel and a panel coated in an acrylic like Clear Tough Coat after accelerated UV radiation. The left untreated panel has been blackened by UV radiation and the acrylic stained panel is partly damaged.



Protek's Clear Coatings DO NOT contain UV Blockers which can prevent the greying of wood. Protek's Clear Coatings offer fantastic water-proofing qualities which help to slow the greying process down but do not stop it.

