

# LONG-TERM EVALUATION OF THE EFFECTS OF *SURFACE IMPREGNATION* OF WOOD WITH REACTIVE RESINS PART 1: BEECH WOOD

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**Abstract:** *The paper briefly presents the principle, the opportunities and limits of the 'surface impregnation' of wood with reactive resins, focussing on the results of a long-term evaluation of the efficiency of such a wood improvement procedure. This evaluation was done after a period of 27 months exposure of the samples outdoors, out of ground contact in a modified L-joint test. The samples were treated with three different reactive resins, preserved with a biocide primer and coated with an alkyd white paint.*

**Key words:** *surface impregnation, reactive resins, outdoor exposure, wood degradation, coatings degradation, discolouration, cracking.*

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