FROM RESEARCH PROJECT TO ACCREDITATION

The study case of the evaluation of plywood resistance towards fungi according to XP ENV 12038

• RESEARCH PROJECT

PLYBIOTEST - Biological performance testing methodology to evaluate the durability of plywood as an indicator for exterior construction purposes

European project 5th PCRDT
- Budget: 1.776.062 €
- Duration: 2002 - 2006
- 13 partners: universities, research institutes, industries
- 25 industrial plywoods tested + experimental plywoods
- 300 tests according to XP ENV 12038

Test method for determining the resistance of wood based panels against wood-destroying basidiomycetes:
- 2 fungi
- 4 durations of exposition

• QUALITY SYSTEM ACCORDING TO ISO 17025

Laboratory accredited in 2006 for its tests realized according to EN73, EN84, EN113, EN117 & EN 118 standards
- Qualified staff
- Fitted environment of tests
- Metrology
- Written and adapted documentation
- Product’s traceability

COFRAC French Accreditation Committee
Audit in November 2006

XP ENV 12038 Project experience

ACCREDITATION extended to XP ENV 12038

• BENEFITS

Quality in research
- Improvement of traceability and fiability of results

Clients
- Test for industry
- Industrial partnership
- Financial resources

Feedback for standardisation
- Detection of errors in the standard
- Standard technical improvement

ACKNOWLEDGEMENT: This project QLK5-CT-2002-01270 has been funded by the EU.

L. Martin, MF. Thévenon, N. Leménager

UPR40 « Tropical Woods » - Wood Preservation Laboratory
TA B-40/16 Maison de la Technologie - 73 rue Jean-François Breton - 34398 Montpellier Cedex 5 - France
Phone : +33 4 67 61 65 25 • Fax : +33 4 67 61 65 60
E.mail : luc.martin@cirad.fr