



INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION

INFORMATION

March 2003

Around the Task Groups and Working Commissions

W080 – Prediction of Service Life of Building Materials and Components

Meeting Report of CIB W080 / RILEM TC 175

Brisbane, Australia, March 2002

Introduction

The joint commission CIB W080 – Prediction of Prediction of Service Life of Building and Components - and RILEM TC 175 had its last meeting in March 2002 in Brisbane, Australia . A summary of the meeting report is presented below

Committee Documents for External Reporting

The report "Guide and bibliography to service life and durability research for building materials and components" was now being finished and would be issued as a CD ROM in the near future.

Final Report on Activities from Task Groups

Environmental characterization

A state-of-the-art report was briefly by presented SvH who made a special reference to clause 5 in the report regarding a document from the European Organization for Technical Approvals (EOTA) /2/. That document contains examples of how the climate conditions of a large region (e.g. Europe) can be sub-divided into smaller climate zones. Such a sub-division may be relevant also for other regions and continents of the world.

Information Technology

StB reported that a report from the work of the Task Group, will be presented at a later stage. The report will comprise examples of databases and software which is being applied at CSIRO, Australia.

Reliability and Probabilistic Methods

The work of this Task Group has been divided into three Sub-task Groups. ToS gave a short presentation of the overall work programme for the three groups.

Sub-task Group 1 "Stochastic"

ToS had been the leader of this group. He presented the draft final report /3/ and showed three examples of service life prediction by use of statistical methods.

Sub-task Group 2 "Engineering design"

KoM had been the leader of this group. He presented the draft final report /4/ and showed three examples of how the methods can be applied.

Sub-task Group 3 "Factor method"

PeH had been the leader of this group. He presented the draft final report

Report and Discussion of the Outcome from The Joint PeBBu Workshop

ChS gave a brief report of the workshop which had been held on 2002-03-17 regarding the work within the European Thematic Network "Performance Based Building" (PeBBu). Further information on PeBBu available at www.pebbu.nl

Planning of Next Working Period

Extensive discussions which were concluded by a programme comprising many important items for

further enhancing the development and improvement of worldwide service life prediction methods.

Education

The possibilities to establish an international model curriculum for teaching durability, service life and sustainable construction were discussed.

Authorized journal for the committee

The Journal of Thermal Envelope & Building Science is considered for becoming the official journal of CIB W80/RILEM 175-SLM. No final decision was made.

Next Meeting

The next meeting will be held in Milan, Italy, during week 26, 2003. During the same week, a national workshop on durability and service life of building materials and components as well as other international meetings, e.g. of CIB W106 "Geographical Information Systems" and ISO/TC 59/SC 14, will be arranged.

Additional info

The entire report can be viewed/downloaded here ([pdf](#) / [html](#))