



LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

EM TESTING
and METROLOGY

URPi

Floor Coverings Laboratory

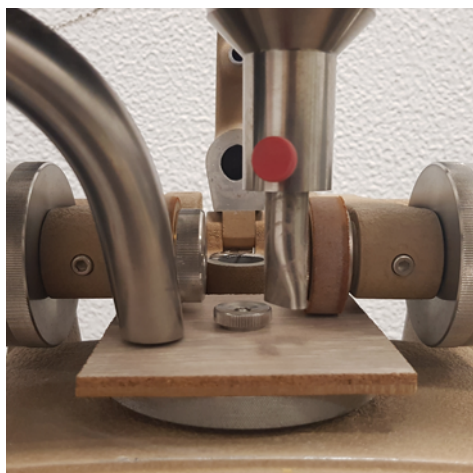
BUILDINGS DEPARTMENT

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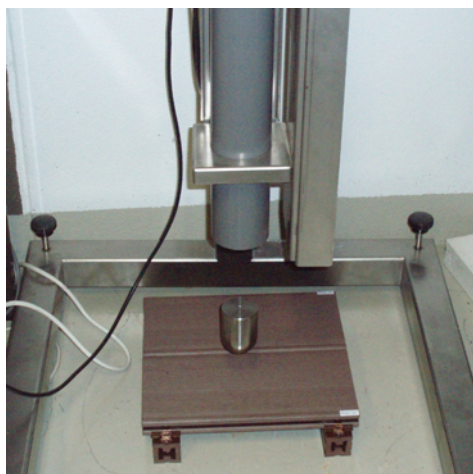
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Scope

The Floor Coverings Laboratory (URPi) of LNEC-EM is integrated in the Building Coatings and Thermal Insulation Unit of LNEC's Buildings Department.



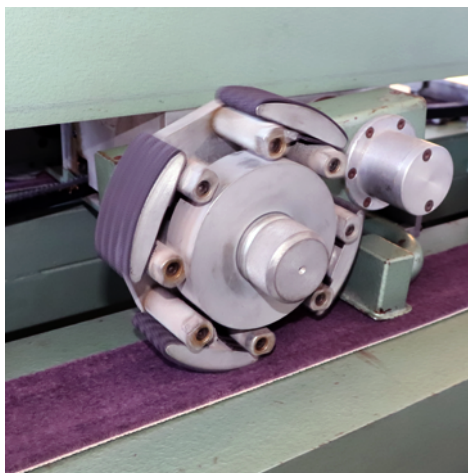
This laboratory was created 30 years ago to support studies on the behavior and performance of materials and building finishing systems. URPi has infrastructures and equipments to carry out a wide range of tests on the various types of floor coverings.



Field of expertise

URPi carries out a diversified activity covering the different types of floor coverings of floor coverings available on the market (e.g., resilient, laminate, textile, sports, and wood-based). Its experience enables it to develop studies for the evaluation and definition of scopes of application and use classes.

For this purpose, URPi has human and technological resources with the competence to promote services in different domains and in distinct market contexts (manufacturers, construction companies, applicators, owners, among others).



This laboratory has also R&D&I competencies, combining experimental infrastructure with different engineering fields, being particularly focused on studies and on advanced advisory services, aimed at supporting the floor covering manufacturing and application industries.

Highlights

The activity developed by URPi is particularly relevant for the industry, in supporting the development of products and in verifying the suitability for the use of floor coverings.



In these areas, URPi has also a diversified action with competences to carry out tests and to conduct research studies for the public and private sectors. Special reference is made to the following actions:

- Participation in studies of the Buildings Department/LNEC aimed to determine the origin of defects in floor coverings;
- Technical expertise and assessment of floor covering solutions for the determination of their scope of application.

