



LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

**TESTING
and METROLOGY**

URC

Roof Finishes Laboratory

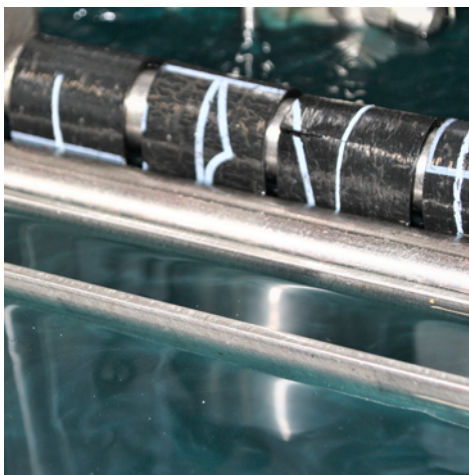
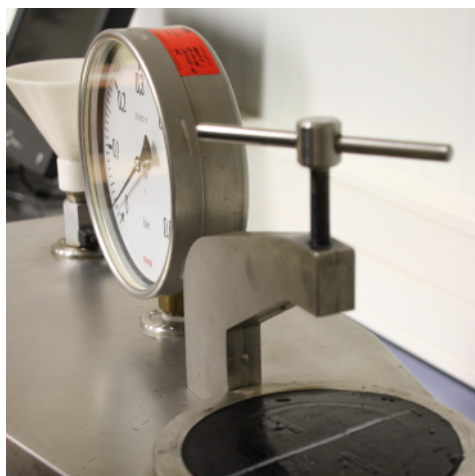
BUILDINGS DEPARTMENT

Av. do Brasil 101 • 1700-066 Lisboa • PORTUGAL
tel. (+351) 21 844 30 00 lnec@lnec.pt

www.lnec.pt

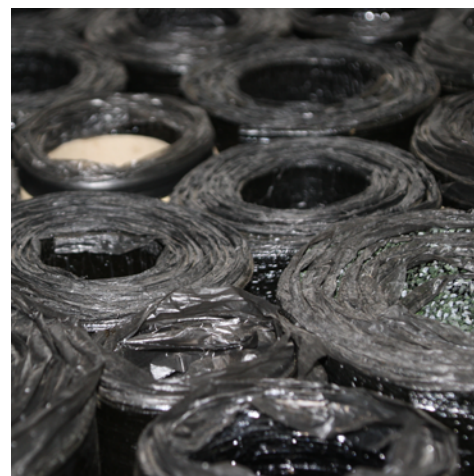
Scope

The Roof Finishes Laboratory (URC) is integrated in the Buildings Department/Building Finishes and Thermal Insulation Unit. It performs tests in support to studies that give rise to DH (Approval Documents) or DA (Application Documents) and to the respective certifications, as well as in support to research projects. The tests carried out by this laboratory also provide assistance to studies about roof construction pathology.



Highlights

Issuing of dozens of Approval and Application documents in support to construction material companies, particularly as regards bituminous and PVC membranes, as well as to designers and owners. In addition, it provides assistance to product development by manufacturers, which ultimately enables them to improve their manufacturing process and manufactured materials.



Field of expertise

Activity field: roof waterproofing finishes.

Types of tests: static and dynamic puncturing, wind suction, dimensional stability, flexibility at low temperature, heat flow resistance, watertightness, loss of granulates, dimensions.

Support to dissertations and studies under contract, namely in the field of roof pathology.

