



## **Slim stone slabs with applied fiber-glass, experimental results**

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This paper presents a survey on the stone slab elements used in building facade, proposing a verification of the slabs used in the Centro Direzionale of Naples.

This paper presents as well the results of the laboratory test that studied hybrid elements created applying fiber-glass strands to slim stone slabs.

The two millimeter stone slabs connected to a fiber-glass matrix are lightweight and strong, perfectly suited for the external facades of newly built buildings.

The aim of the tests was to determine the mechanical performance of the interface between the stone slab and the fiber-glass material.