



## Polarised Light Microscopy (PLM)

A polarized light microscope is used for the study of natural and artificial stone materials, which enables mineralogical-petrographic characterization to be performed by exploiting the optical properties of the minerals. The method is micro-destructive, as it involves the construction of a thin section, investigated through transmitted light. The technique is widely used for the characterization of various types of stone matrices: rocks, ceramics, mortars.