Onsite, non-invasive and non-destructive
Technical Examination Services
for
Wall paintings

Technical Photography
Wall paintings
Consolidants and binders

“Practical notes on ultraviolet technical photography for art examination”

Ultraviolet Fluorescence photography (UVF) documents inpaints and organic materials, consolidants and binders.

Technical Photography
Wall paintings
Infrared photography (IR) makes visible underdrawing and changes (pentimenti)
Inpains with modern pigments

Infrared False Color photography (IRFC) locates inpaints with modern pigments
Incisions

"Technical Photography for mural paintings:"

Raking Light photography (RAK) documents incisions which are indicative of the painting techniques.
Revealing invisible details

“Panoramic Multispectral Imaging: Training and Case studies”

Infrared photography (IR) reveals lost details in wall paintings

Technical Photography
Wall paintings
WALL PAINTINGS BY RAKING LIGHT

The 18th century wall paintings in the Crucifix chapel were revealed during maintenance works carried out in 2012 in the Mother Church in Aci Sant’Antonio (Sicily). Cultural Heritage Science Open Source Studio and International partners examined the paintings in 2014 with raking light and other imaging and spectroscopic techniques. Download "Technical Photography for mural paintings: the newly discovered frescoes in Aci Sant’Antonio (Sicily, Italy)."

For more information visit chsopensource.org

Introductory guide: Wall paintings Examination by Raking light

Technical Photography
Wall paintings
Any questions?

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