

Pigments Checker – Modern & Contemporary Art

Technical Data Sheet

1. Product Overview

Pigments Checker – Modern & Contemporary Art is a reference collection of pigments commonly used from the mid 20th century to the present. The set is specifically designed to support non invasive technical imaging and spectroscopic examination of modern and contemporary artworks, including synthetic organic and inorganic pigments.

2. Physical Description

Type	Modern & contemporary pigments reference board
Chronological Scope	ca. 1950 – present
Support	Archival cellulose-cotton board
Binder	Acrylic (stable and uniform)
Swatches	Hand-applied pigment areas with reference markers
Applications	TP, MSI, IRR, Reflectance, Raman, XRF

3. Pigment Selection Criteria

The Modern & Contemporary Art set focuses on pigments introduced or widely adopted during the 20th and 21st centuries. Selection emphasizes materials frequently encountered in modern artistic practice, including synthetic organics, modern inorganic pigments, and industrial colorants, chosen for their relevance in conservation diagnostics.

4. Imaging and Analytical Methods

The Pigments Checker – Modern & Contemporary Art supports a wide range of non invasive analytical techniques, including technical photography (UVR, VIS, IR, IRF, IRFC, IRT), infrared reflectography (IRR), multispectral imaging (MSI), reflectance spectroscopy, Raman spectroscopy, and Xray fluorescence (XRF).

5. Typical Applications

- Identification of modern and synthetic pigments
- Calibration of multispectral and technical imaging workflows
- Conservation studies of modern and contemporary artworks
- Training and education in modern materials analysis
- Reference comparison for spectroscopic databases

6. Handling and Conservation Notes

The reference board should be handled as a painted object. Exposure to strong light should be limited, and storage in stable environmental conditions is recommended. Variations between swatches reflect authentic pigment behavior.

