

# Reference Pieces for Penetrant Inspection

**Art.-Nr. 127.100.000**

The efficiency of penetrant inspection is dependent on the careful performance, the properties of the inspection material systems and the application technique.

All inspection material systems are subjected to a “qualification test” by independent organisations, e.g. a general qualification test to EN 571 or a specific qualification test, e.g. to MIL:

Besides the qualification tests and the batch quality conformance tests by the manufacturer, EN 571 also provides for control by the user.

Control of properties of the inspection material systems by the user shall be performed by comparative tests (with reference pieces) and is in addition to the qualification and quality conformance tests.

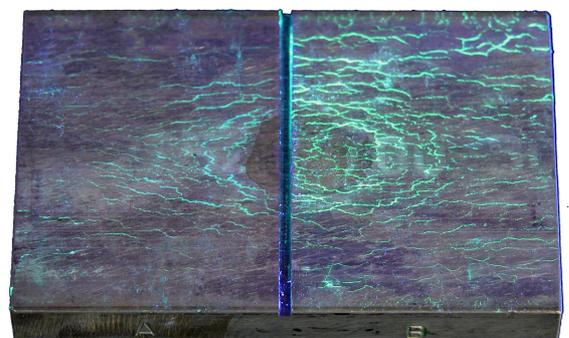
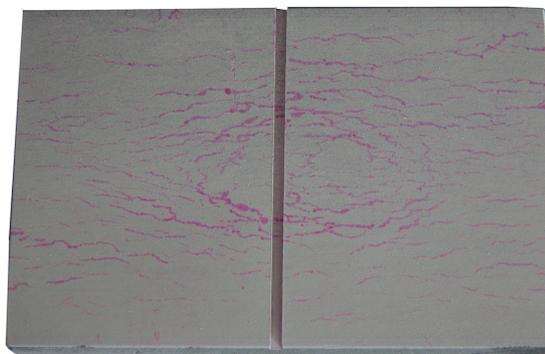
Features such as coat thickness and viscosity of the inspection material – besides the reference pieces – are crucial factors when checking the properties of inspection material systems.

## **Note**

The sensitivity obtained with a reference piece is not indicative of the sensitivity obtained on the part under test.

**Testpanel to ASME V**

**dimensions: 80 x 50 x 10 mm**



Heidgraben, May 2010  
Technical errors and changes excepted!