



## NDT film processing system

Certificate N°: **BAM/ZBF/004/16**  
2<sup>nd</sup> revised version

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Hereby it is certified by the BAM Certification Body that the usage of the  
**NDT film processing chemistry XR D-1.5 NDT and XR D-6 NDT developer** (new formula  
since 07/2016) and **XR F-1.5 NDT and XR F-6 NDT fixer** (new formula since 07/2016)

of the manufacturer

**DÜRR NDT GmbH & Co. KG**  
**74321 Bietigheim-Bissingen**  
**Germany**

in automated NDT development machines with immersion time of 100 s and developer  
temperature of 28 °C (8 min NDT standard cycle)

meets the following requirements:

film system class		film type
DIN EN ISO 11699-1:2012	ASTM E 1815-18	manufacturer: AGFA
C3	I	D4
C4	I	D5
C5	II	D7

The above mentioned industrial X-ray film types, chemistry and development conditions (mixed system) meet the film system classes as certified by the film manufacturer in its own chemistry (pure film system) according to the table above (see test reports No. 8.3/8044 a, b, c of 2016-05-30). The correct development conditions shall be monitored by pre-exposed process monitor control strips of the film manufacturer according to DIN EN ISO 11699-2:2012 or DIN EN ISO 11699-2:2018 in regular intervals. The certified values of the film manufacturer for Structurix G135 developer at 28°C shall be used as reference values for the above DÜRR NDT chemistry.

The certification is performed on the basis of certification contract N° **BAM-ZBF-0021-2020-DÜRR**, according to standard ISO/IEC 17065:2012 and comprises a design type test (BAM Certification System I). Procedure BZ5-GS/034/22 forms the basis of this revised version. The products certified by BAM may be labeled with the BAM certification mark „BAM Baumustergeprüft“ and/or “BAM Design-type tested“ together with the certificate number.

**The certificate is valid until 22<sup>nd</sup> October 2024.**

Bundesanstalt für Materialforschung und -prüfung (BAM)  
Unter den Eichen 87,12205 Berlin, **2022-10-01**

By order

Dr. J. Sunderkötter  
BAM Certification Officer



Dipl.-Ing. B. Redmer  
BAM Assessor

Distribution list:: 1st Certificate holder

2nd BAM Certification Body

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