

## TECHNICAL DATA SHEET

### 1. Product and Supplier identification

**PRODUCT NAME:**

- ELITE K71B2 RED LIQUID PENETRANT
- ELITE D112A WHITE DEVELOPER
- ELITE BC1CLEANER / REMOVER



**SUPPLIER:**

**NDT ITALIANA SRL**  
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### 2. Technical specification

Elite K71B2 is a type 2 (red), sensitivity level 2, Method A,C,D,E (water washable and solvent removable or post-emulsifiable) penetrant. Elite D112A is a white developer form d,e (solvent based). Elite BC1 is a Class 2 (nonhalogenated) solvent and remover.

- Sensitivity level 2 with no background to provide better indication contrast
- Low penetrant consumption due to low viscosity
- Very low sulphur and halogens content according to the Standards
- Products meet or exceed all applicable Standards: EN 571, EN ISO 3452-2, ASTM E1209, ASTM E1417, AMS 2644, ASME Sez. V Art.6, RCC-M, REACH.

### 3. Description / Applications

- 1- Prior to apply penetrant, clean the surface with Elite BC1 Cleaner/Remover. Allow a few seconds for complete evaporation.
- 2- Apply penetrant by spraying (conventional or electrostatic), brushing or dipping.
- 3- About 5 to 20 minutes of dwell time are recommended. Dwell time may be shortened or extended depending on defect type and environmental temperature.
- 4- Wipe off the excess penetrant from the surface using low-pressure water or clean with rags dampened with Elite BC1 Cleaner/Remover
- 5- After rinsing, dry with ambient temperature or hot air (max 70°C).
- 6- Apply by spraying either Elite D112A white developer solvent based (Form d,e) or DWS2 water suspendible developer (Form c).
- 7- Indicatively developing time should be the same to the double of time used for penetration. Indications, if present, will appear dark red against the white developer background.

Expiry Date: 5 years from batch production date. (3 years if in spray can)

Health and Safety: Refer to Material Safety Data Sheet (MSDS)