

TECHNICAL DATA SHEET

1. Product and Supplier identification

PRODUCT NAME:

- ELITE K71B2p RED LIQUID PENETRANT
- ELITE D112A WHITE DEVELOPER
- ELITE BC1CLEANER / REMOVER



SUPPLIER:

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2. Technical specification

Elite K71B2p 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
- Can be washed rapidly saving time and water
- Qualified for use from -10°C to 100°C (14°F to 212 °F)
- Very low sulphur and halogens content according to the Standards
- Products meet or exceed all applicable Standards: EN 571, EN ISO 3452-2, 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 10 minutes of dwell time are recommended. Dwell time may be shortened or extended depending on defect type and environmental temperature:
 - From 100°C to 50°C: from 1 to 3 minutes
 - From 50°C to 10°C: from 3 to 10 minutes
 - From 10°C to -10°C: from 10 to 20 minutes
- 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 Elite D112A white developer solvent based (Form d,e).
- 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 (4 years if in spray, provided that the aerosol propellant has not escaped and the can still sprays) respecting our conditions for use and storing.

Warning: the products should always be used with adequate ventilation and away from sparks and open flames, wearing appropriate protective clothing.

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