

TECHNICAL DATA SHEET

B3932 | Primer Varnish

PRODUCT NAME	Primer Varnish
PRODUCT CODE	B3932
CATEGORY	Nitrocellulose



PRODUCT DESCRIPTION

PRIMER VARNISH

The solvent-based nitrocellulose varnish is applied to the annular gap between the primer and cartridge case. Centrifugal force distributes the varnish evenly throughout the gap. The coating provides sealing in accordance with AQAP 2130, STANAG 4147 and AEP-97, and enables visual identification using various colours.

Different varnish colours are used to identify different ammunition loads or types, facilitating visual identification.



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PRODUCT APPLICATION

The process begins by seating the primer in the primer pocket of the cartridge case using precision machinery. Once the primer has been seated, a small amount of varnish is applied around its edge. Application can be performed using automated equipment with various application units, such as needles or dispensers. After application, the varnish requires approximately 2-3 min to dry and cure. Heat or a fan may be used to accelerate drying. Alternatively, Andre external sealants can be cured with UV light within 2 sec.

KEY FEATURES

- Nitrocellulose-based, solvent-borne varnish
- Available in various colours, including red, green, blue, pink, transparent, and more
- Optional fluorescence for in-line quality control
- Adjustable drying time, starting from 2 min
- Long-term flexibility



TECHNICAL DATA SPECIFICATION

Information	Type
Total solids	approx. 24% (depending on colour; adjustable)
Density at 20°C	approx. 0.9 g/cm ³ (depending on colour; adjustable)
Viscosity	30-130 sec (adjustable); anaerobic properties when the cartridge is not rotating
Flash point	-8°C to 50°C (depending on the solvent used)
Colours	Red, green, blue, pink, transparent, and many more
Gloss	High gloss
Drying conditions	20°C / 60% relative humidity Dust-free: > 2 min Tack-free: > 5 min
Use	Stir thoroughly before use
Storage	Approx. 1 year when stored in a cool, dry place For further instructions, see MSDS Section 7