

# SHERWIN BABBCO NON DESTRUCTIVE TESTING PRODUCTS

OUR KEY PARTNERS

**SHERWIN**  
babbco

## APPLICATIONS & VALUE ADDED PRODUCTS

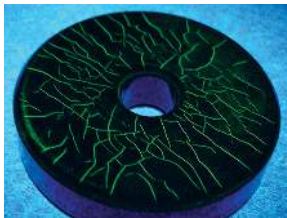


ADDEV Materials is the authorised UK distributor for Sherwin Babbco, manufacturer of the **Dubl-Chek™** line of liquid dye inspection penetrants, magnetic particle inspection fluids, and ultrasonic consumables. ADDEV Materials has a fully qualified technical sales team for NDT and can carry out training, installation, technical support and photographic/calibration services. **Dubl-Chek™** products are approved by governing agencies worldwide, including the US Government, ASME & ASTM, as well as the prime aerospace and military contractors and OEM's. **Dubl-Chek** fluorescent penetrants are used widely in aerospace, while **Dubl-Chek** visible penetrants are used throughout the welding and nuclear power industries. Through extensive raw and finished materials testing, the company adheres to the highest possible quality assurance standards. **Dubl-Chek** products are uniform from batch to batch, and conformance certificates are always provided.



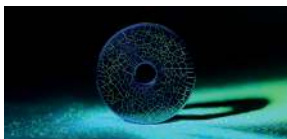
### DYE PENETRANTS

Sherwin Babbco products are approved to all sensitivity levels of AMS 2644 for both Water Washable and Post Emulsified systems. Sherwin Babbco penetrants also carry many OEM and customer specific approvals including Boeing, Airbus, Rolls-Royce, Pratt & Whitney, GE, Snecma and nuclear industry. Sherwin Babbco penetrants are designed to offer the best inspection methods at the correct sensitivity with reduced consumption and excellent value for money. Novel solutions include dual water/solvent washable, high and low temp, functional in ambient light and biodegradable penetrants. ADDEV Materials can also provide "in use" penetrant testing and a full range of inspection lights.



### MAGNETIC PARTICLES

Used for non surface breaking defects, Sherwin Babbco supplies a complete range of ready to use and concentrated magnetic particle products in liquid and aerosol formats. In red, black, fluorescent and dual colour formulations the products can be used in any light conditions. Novel solutions include non flammable aerosols and easy removal background paint. Approvals include AMS 2641 A - AMS 3040C - AMS 3041 E - AMS 3042 D - AMS 3043 D - AMS 3044 E - AMS 3045 E - AMS 3046 E - ASME - ASTM E 1444 - AEF-SR-02052/01-5198 - Dassault-DGQT-1.0.1.73 - DoD-F-87935 - EADS-IGC 0425-106A - ISO 9934-2 - NF F 00-090 - PMUC - RCCM - Rolls-Royce CSS231/CSS266- SNECMA DMR70-520 - TURBOMECA-CCT 00616



### TEST PANELS

ADDEV Materials are the UK distributor of Sherwin PSM5 Panels in both Polished and Grit Blasted finishes. Sherwin PSM 5 Panels conform to the Pratt & Whitney 146060TAM specification. ADDEV Materials are also able to supply, TESCO Eishen NiCr panels in single or twin sets, KDS Twin Panels, ISO and Surface roughness standards. Sherwin Babbco offers a reference photographic service for test panels.

### PRODUCTS

#### DPI

- ▶ Visible Penetrants
- ▶ Cleaners
- ▶ High and Low Temperature Products
- ▶ Emulsifiers
- ▶ Fluorescent Penetrants
- ▶ Liquid and Powder Developers
- ▶ Biodegradable Penetrants

#### MPI

- ▶ Magnetic Powder Concentrates
- ▶ Fluorescent Products
- ▶ Background Paints
- ▶ High Temperature Products
- ▶ Carrier Fluids
- ▶ Visible Products
- ▶ Cleaners

#### Consumables

- ▶ Test Panels
- ▶ Sizing Gauges
- ▶ Magnifiers
- ▶ Magnetic Field Meters
- ▶ Spray Equipment
- ▶ Test Pieces
- ▶ Magnets and Yokes



## Key Performance and Specification Data

	FLUORESCENT PENETRANT	AMS-2644 APPROVED	AMS-2644 CLASSIFICATION	BIODEGRADABLE	AVAILABLE IN AEROSOL	DESCRIPTION
	WATER WASHABLE (METHOD A & C)					
	HM-2D	✓	» Level 1			» Low Sensitivity
	HM-220	✓	» Level 1	✓		» Low Sensitivity
	HM-3A	✓	» Level 2		✓	» Medium Sensitivity
	HM-406	✓	» Level 2		✓	» High Level 2 Sensitivity
	HM-440	✓	» Level 2	✓		» Medium Sensitivity
	HM-602	✓	» Level 2	✓		» Medium Sensitivity
	HM-430	✓	» Level 3		✓	» High Sensitivity
	HM-604	✓	» Level 3	✓	✓	» High Sensitivity
	HM-607	✓	» Level 3	✓		» High Sensitivity
	HM-704	✓	» Level 4	✓		» Ultra High Sensitivity
	FLUORESCENT PENETRANT					
	POST EMULSIFIED (METHOD B, C & D)					
	RC-29	✓	» Level 1			» Low Sensitivity
	RC-50	✓	» Level 2			» Medium Sensitivity
	RC-65	✓	» Level 3	✓		» High Sensitivity
	RC-77	✓	» Level 4	✓		» Ultra High Sensitivity
	FLUORESCENT PENETRANT					
	WATER WASHABLE (METHOD A & C)					
	WB-100	✓	» Level 1	✓		» Low Sensitivity
	WB-200	✓	» Level 2	✓		» Medium Sensitivity
	EMULSIFIERS					
	ER-83A	✓	» Method D		✓	» Hydrophilic
	ER-83B	✓	» Method D			» Hydrophilic
	ER-83C	✓	» Method D			» Hydrophilic
	ER-85	✓	» Method B			» Lipophilic
	DEVELOPERS					
	D-90G	✓	» Form A			» Dry Powder
	D-100	✓	» Form D & E		✓	» Non-Aqueous Alcohol
	D-106	✓	» Form D & E		✓	» Non-Aqueous Acetone
	D-110A.1	✓	» Form C			» Water Suspending
	D-113G.1	✓✓	» Form B			» Water Soluble
	CLEANERS/REMOVERS					
	DR-60	✓	» Class 2		✓	» Hydrocarbon Based
	DR-62	✓	» Class 2		✓	» Hydrocarbon Based
	LA-1 Cleaner		» N/A			» Hot Tank - Alkaline
	VISIBLE PENETRANT					
	DP-55	✓	» Method A & C		✓	» Water Washable and Solvent Removable
	BY-LUX		» N/A			» Visible and Fluorescent
	HIGH TEMPERATURE SYSTEM					
	PRT-23E Penetrant		» Method A & C		✓	» High Temperature Visible Dye
	RT-71 Developer		» Form D & E		✓	» High Temperature Developer
	NT-101B Remover		» Class 2		✓	» High Temperature Remover
	LOW TEMPERATURE SYSTEM					
	LTP-82 Penetrant		» Method A & C		✓	» Low Temperature Visible Dye
	D-106 Developer	✓	» Form D & E		✓	» Non-Aqueous Acetone
	D-106 Developer	✓	» Class 2		✓	» Hydrocarbon Based