

OPTIMA 50ML PLASTIC ADHESIVE BLACK

Technical Data Sheet

PRODUCT DESCRIPTION

Premium Plastic Adhesive is a two-part system with three curing speed options. This allows you flexibility for different process requirements. They are high-strength adhesives which are resistant to exposure to elevated temperatures, moisture, fuel, most solvents and chemicals. The adhesive systems are tested using stringent performance specifications of all major automotive manufacturers and heavy truck producers.

SUBSTRATES:

- Thermoset composites (SMC, BMC, RTM)
- Carbon fiber composites (CFRP)
- Engineered thermoplastics (PUR-RIM, ABS-PC, PE/PA, PBT/PC, etc.)
- Coated metals, wood, concrete and many other materials.

OPEN, HANDLING & CURE CHARACTERISTICS:

	Temperature	PAFBX50	PABX50	PASBX50
Open Time	@ 23°C	30sec	1,5min	3,5min
Handling time	@ 23°C	2,5min	5min	15min
Sanding Time	@ 23°C	5min	10min	30min

PRODUCT APPLICATION GUIDELINES:

Cure	Ambient or heat accelerated cure (max 120°C)
Optimum Bondline Thickness	0,5mm to 1,5mm
Maximum Bondline Thickness	app 5mm
Paint Bake	max 150°C
Gap Filling	Very Good
Sag Resistance	For vertical applications
Consumption, 1/4" Diameter Round Bead	app 40g /m Consumption, 1/2"
Diameter Round Bead	app 160g/m

PREPARATION:

- Thoroughly clean the surface with a suitable cleaner
- Surfaces must be completely dry
- If repairing a plastic component, please use a plastic adhesion promoter following the TDS recommended process for application and drying times before application of the plastic adhesive

Application:

- Choose appropriate curing speed adhesive for the repair
- Place cartridge into appropriate applicator gun
- Remove cartridge cap protector
- Purge the cartridge until both components are being dispensed equally from the cartridge
- Attach the mixing nozzle from the packet (Additional mixing nozzles can be purchased separately)
- Purge the mixing nozzle so that the two components in the cartridge are mixing thoroughly
- The plastic adhesive is now ready to use
- When finished its best practice to leave the nozzle on the cartridge for the next use as it keeps the product in the cartridge clean.

PPE: Always wear appropriate PPE in line with your Risk assessment & COSHH assessment policy for using this product

HEALTH & SAFETY: For Health and Safety information please refer to the material Safety Data Sheet (SDS).

STORAGE: Store between +15°C and +32°C
The packaging must be protected from direct sunlight and heat.

SHELF LIFE: 2 years in the unopened original packaging.

PACKAGING: 50ml cartridge

DISCLAIMER

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.

For Professional use only

These products are for professional use only and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose.

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