**Technical data sheet**

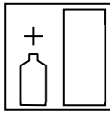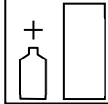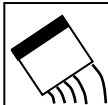# LIGHT 60W

**Light fitting adhesive**

**Application:**
Composite manufacturing industry
- manufacture of waterborne vessels (boats: motorboats and sailing yachts)
- wind turbines
- transport (fairings, car bodies, etc.)
- other products made of composite (laminated) materials

**Properties:**
- excellent adhesive properties
- can be applied in thick layers (up to 30 mm)
- no sagging
- hardened with methyl ethyl ketone peroxide

| CHARACTERISTICS | LIGHT 60W | STANDARD |
|---|---|---|
| Viscosity | 25000 - 30000 mPas | PN EN ISO 3219 B |
| Density | 0.60 – 0.70 g/cm$^3$ | PN EN ISO 2811-1:2002 |
| Gel time at 20°C | 50 - 65 min | -- |
| Colour | blue | -- |
| Shrinkage | < 1 % | PN EN ISO 3521 |
| Tensile strength | > 6 MPa | PN EN ISO 527 |
| Elongation at break | > 8 % | PN EN ISO 527 |
| Flexural strength | > 6 MPa | PN ISO 178 |
| Glass transition temperature | 51°C | DN EN ISO 6721 |
| Polish Register of Shipping Type Approval Certificate | **TT/1333/710250/22** | |

**CAUTION:** Tests were made with 1,5% Metox 50WR hardener.

| SUBSTRATES | |
|---|---|
| polyester, vinyl ester and epoxy laminates | degrease with the PLUS 780 a remover, dry sand P80 – P120, and degrease again. |
| plywood, wood | dry sand with P80 – P120 and remove dust |
| rigid polyurethane foams and PVC | remove dust. |

| CAUTION |
|---|
| The adhesive should not be applied directly on wash primers, one-component acrylic or nitrocellulose products |

**MIXING RATIO**

| | | Ratio by weight |
|---|---|---|
| + | ADHESIVE | 100g |
| | HARDENER | 1.0-2.5g |

| COATABILITY |
|---|
| Polyester, vinyl ester or epoxy laminates (resins), polyester putties, and acrylic primers |

| APPLICATION CONDITIONS |
|---|
| The minimum application temperature is +10°C at air humidity from 30 to 70%. |

## APPLICATION

| | |
|---|---|
|  | Clean and sand the surface |
|  | Degrease the surface with PLUS 780 |
|  | Observe the required amount of hardener. Mix the components thoroughly until a uniform colour is obtained. Weight quantity of components: Add 100 g of LIGHT to 1.0-2.5 g of hardener. <br><br> Gel time at 20°C: 50-65 min (1.5% METOX 50WR) <br><br> Gel time at 20°C: 60-75 min (2.5% METOX 30R) |
|  | Apply with a notched trowel (notch height: 3 to 5 mm; maximum layer thickness: 10 mm). |

## SUPPLEMENTARY PRODUCTS

Hardener – methyl ethyl ketone peroxide (e.g. METOX 50WR or METOX 30R).

## EQUIPMENT CLEANING

THIN 850 acrylic thinner or NC solvent.

## PACKAGING

20 L; 188 L (DRUM).

## STORAGE CONDITIONS

Store in a cool dry room, away from sources of fire and heat.
Avoid direct exposure to sunlight.

## SHELF LIFE

| | |
|---|---|
| LIGHT 60W | 6 months / 20°C |

## SAFETY

See the Safety Data Sheet.

## NOTES

Intended for professional use only.

## OTHER INFORMATION

Registration number: 000024104
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