

CREATE INVISIBLE BONDS WITH VISIBLE RESULTS

ARALDITE® 2028-1 adhesive creates transparent bonds that can withstand harsh conditions.

ARALDITE® 2028-1 adhesive offers resistance to hot, humid and dusty outdoor environments, making it especially well-suited for use on traffic light housings and digital signage, as well as LED bonding and potting. This UV-stable adhesive stays invisible, with no yellowing, even after thousands of hours of light exposure.

Working with this uniquely non-CMR (Carcinogenic, Mutagenic or Reprotoxic) polyurethane adhesive helps create a safer work environment and minimizes your investment in safety measures. Non-foaming and easy to use, automated application of ARALDITE® 2028-1 adhesive enables faster production cycles with long-lasting, reliable results.

PRODUCT BENEFITS

- Transparent
- UV stable
- Fast curing



MADE POSSIBLE

MAKE YOUR DESIGN STAND OUT BY KEEPING BOND LINES INVISIBLE.



ARALDITE® 2028-1 adhesive allows bonding at up to 40°C, enabling repair work in hot conditions.

SUPERIOR PERFORMANCE

30 mins

30-min fixture time at room temperature

2C

Polyurethane technology

16 MPa

Tensile modulus

11 MPa

Tensile strength

ca. **60%**

Elongation at break

Watertight and UV stable

Passes 500 hrs Atlas 500 W/m² accelerated sun test



6 mins

6-min pot life at room temperature

50°C

50°C maximum continuous operating temperature*

* For the maximum continuous operating temperature, we consider the maximum temperature for which the residual lap shear strength is 1/3 of the lap shear strength at room temperature or the temperature for which the residual lap shear strength is 5 MPa.

With our Material Models, you get fast and accurate simulations when qualifying adhesives for your project.

Click to find your Material Model

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