

Advanced Materials

**HUNTSMAN**

Enriching lives through innovation

# ARALDITE<sup>®</sup> DEBOND-EP

## **NEW DEBONDING PRIMER FOR CIRCULAR DESIGNS**

Engineered to enable clean and efficient on-demand separation of bonded parts, facilitating repair, recycling, and circular product design.

**MADE POSSIBLE**

## NEW ARALDITE® DEBOND-EP

# ENGINEERED TO ENABLE REPAIR AND END-OF-LIFE RECYCLING



**SAFE**



**STRONG**



**SUSTAINABLE**

When your product design demands circularity without compromising bond strength, ARALDITE® DeBond-EP Primer delivers. Designed to enable clean separation of parts bonded with even the strongest structural adhesives, it supports repair and end-of-life recycling.

### TYPICAL PRODUCT BENEFITS

- Minimal surface preparation
- Compatible with two-component structural epoxy adhesives
- Heat-activated debonding at selectable temperatures
- Irreversible once triggered, enabling separation at lower temperatures
- Residues can be removed after separation
- Storage and dry film stability after application
- Compatible with common coating methods

### TYPICAL COMPOSITES, PLASTICS, METALS AND MULTI-MATERIAL APPLICATIONS

- **Sports equipment:** skis, rackets, snowboards, helmets
- **Aerospace and transportation interiors:** honeycomb panels, trays, tables, seats, dividers
- **General industrial applications:** filters, window and door frames

**2-Component epoxy**

Compatible

**10 mins**

Drying time after application

**100-150µm**

Coating thickness (wet)

**200-250 mPa.s**

Viscosity at 25°C

**Debonding at 130°C**

Araldite® DeBond-10

**Debonding at 150°C**

Araldite® DeBond-20

**Debonding at 170°C**

Araldite® DeBond-30

**Can be pre-applied**

up to 12 months before initial bonding\*

Learn more on [www.huntsman.com](http://www.huntsman.com)

For any other information, please send an e-mail to [advancedmaterials@huntsman.com](mailto:advancedmaterials@huntsman.com)

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