

# BLUE MAX & RED MAX

## Premium Hoof Block Adhesives for Effective Cattle Care

*Designed for professional hoof trimmers, veterinarians, and dairy farmers, these adhesives offer unparalleled strength and reliability in all working conditions.*



### Set Time

**Blue Max** – 15 to 25 seconds

**Red Max** – 30 to 40 seconds

### Base Material

Urethane

### Packaging

Durable 210mL cartridge

### Application

Hoof block attachment, hoof repairs

**Blue Max and Red Max** are high-performance urethane adhesives engineered for securing wooden or rubber hoof blocks, helping relieve pressure from hoof injuries, lesions, and lameness. These multipurpose bonding adhesives offer strength and reliability in all working conditions.

- **Blue Max (Fast-Set Formula)** – 15 to 25-second cure time for quick application and minimal handling.
- **Red Max (Extended-Set Formula)** – 30 to 40-second increased working time for more controlled placement.
- **Exceptional Bonding Strength** – Creates a durable, long-lasting adhesion to hoof blocks.
- **Reliable in All Conditions** – Performs in wet, dry, and variable environmental settings.
- **No Mess, No Waste** – Heavy-duty, resealable cartridge prevents leaks, maintains product integrity, and ensures multiple uses without waste.

*Resealable twist-off cap protects product between uses.*

*Cap and mixing tip fit into the cartridge **one way only**—to prevent cross contamination and eliminate material waste.*



*Trusted by Professionals, Proven in the Field. Learn more at [www.adhesiveengineering.com](http://www.adhesiveengineering.com).*

*Adhesive Engineering offers a range of specialized adhesives, each tailored to address specific hoof care needs and designed to meet specific challenges faced by farriers and other livestock professionals, ensuring optimal hoof health and performance.*

**Blue Max and Red Max** are two-component, fast-setting, non-sag polyurethane adhesives specifically developed for bovine hoof blocking. Both are odorless and create a strong, secure bond between the hoof and wood or rubber blocks.

## TYPICAL PROPERTIES

|                                                             | Part A                 | Part B                 | Mixed   |
|-------------------------------------------------------------|------------------------|------------------------|---------|
| Color - <b>Blue Max</b> :                                   | Amber                  | Blue                   | Blue    |
| Color - <b>Red Max</b> :                                    | Amber                  | Red                    | Red     |
| Viscosity @ 77°F, cps:                                      | 500 - 1,000            | 1,500 - 4,000          | Paste   |
| Weight per gallon, pounds:                                  | 9.03 - 9.43            | 8.35 - 8.75            | -       |
| Gel Time - <b>Blue Max</b> , seconds<br>[9.4 grams @ 77°F]: | -                      | -                      | 15 - 25 |
| Gel Time - <b>Red Max</b> , seconds<br>[9.4 grams @ 77°F]:  | -                      | -                      | 30 - 40 |
| Shelf Life, sealed containers:                              | 12 months              | 12 months              | -       |
| <b>Mix Ratios</b>                                           | <b>Parts By Weight</b> | <b>Parts By Volume</b> |         |
| <b>Blue Max &amp; Red Max</b> Part A:                       | 100                    | 1                      |         |
| <b>Blue Max &amp; Red Max</b> Part B:                       | 90.6                   | 1                      |         |

## Recommended Cure Schedule

1 day at 77°F

\* Typical cured properties were determined using the recommended cure schedule. Some differences in properties may occur with alternate or other cure schedules.

## Typical Cured Physical Properties

|                                   |                |              |               |
|-----------------------------------|----------------|--------------|---------------|
| Hardness, Shore D [24 hr @ 77°F]: | 55 - 65        |              |               |
| Lap Shear Strength, psi Al/Al:    | @-40°F: 2,535  | @77°F: 1,920 | @179.6°F: 340 |
| T-Peel Strength, pli Al/Al:       | @-40°F: 5      | @77°F: 6     | @179.6°F: 6   |
| Temperature Range:                | -40°F to 149°F |              |               |

## STORAGE AND HANDLING

Store indoors in a warm (80°F-90°F), dry environment. These products are highly moisture-sensitive; keep containers sealed when not in use. After dispensing, blanket with nitrogen or dry air and reseal promptly. For industrial use only—handle with care. MSDS is provided with samples and available upon request. Prolonged skin contact may cause rash or dermatitis. Always use eye protection and appropriate gloves. If ingested, seek medical attention immediately.

## DISCLAIMER

The information provided is based on our research and is considered accurate. However, no warranty, expressed or implied, is given.



*Innovative Adhesive Solutions, Tailored for Your Industry*

Made in the USA

**Adhesive Engineering is a division of Barker Industrial Group.**

For over 30 years, we've worked alongside distributors, OEMs, manufacturers, and end users to develop adhesive and dispensing solutions for demanding real-world applications.

## Directions:

1. To open cartridge turn retaining nut 1/4 turn counter-clockwise.
2. Place cartridge into applicator gun, dispense material until two pistons are level or equalized.
3. Affix static mixer by aligning keyed interface. Use retaining nut to securely fasten mixer into cartridge.

## Preserving unused product:

Replace dual plug and secure with cap.

## Dispensing gun and mix tips (sold separately)

Use to dispense Trimmer's Choice, Blue Max, and Red Max adhesives. Also works with other products that come in 210mL cartridges.



*For quality and consistency always use original Quadro mixers!*



For more information and samples, contact your local distributor or an AE representative.

8 Rochester Road, Northwood, NH 03261

603-244-5118 • sales@adhesiveeng.com • www.adhesiveengineering.com