



Redco™ 52A Deadplate

A high-performance energy dissipative grade of polyurethane designed for applications where extreme impact absorption is required. The Redco™ 52A Deadplate converts up to 90% of impact energy into heat, which dissipates through the material into a metal backing plate.

Made with our proprietary blend, Redco™ 52A Deadplate is the ultimate shock absorber. Our unique product has protected sawmill machinery and reduced noise pollution for decades.

COLOUR: Light Blue
DUROMETER: 52A
DESIGNATION: PU, PUR (Cast Elastomeric Polyurethane)
SHAPES: Slabs, sheets and bonded to steel; custom sizes available

SCAN FOR DEMO



CORE BENEFITS:

- ▶ Successfully used as impact plates in many industries;
- ▶ Reduces bounce-back energy by deadening impact;
- ▶ Reduces potential damage to the impacting material and substructure;
- ▶ Lessens impact noise and non-marking;

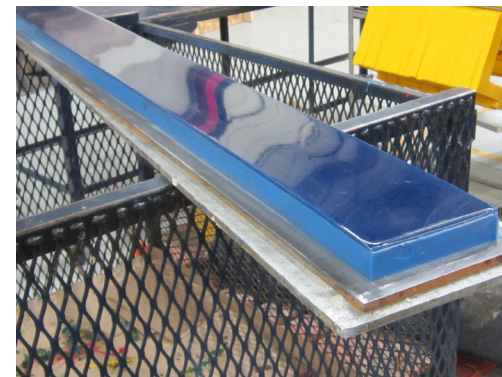
APPLICATIONS:

- ▶ Any Impact Area
- ▶ Bang Boards
- ▶ Log Stops
- ▶ Cant Stops
- ▶ Board Stops
- ▶ Kick Arm Stops
- ▶ Cylinder Cushions

DUAL-HARDNESS OFFERING

We also offer our Deadplate with dual hardness polyurethane. This unique product offers maximum energy absorption, superior cut resistance while still enabling the material to slide across the pad effectively.

Please contact our sales team for more info.



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TECHNICAL DATA SHEET

PREMIUM GRADE POLYURETHANE



PROPERTY	SPECIFICATION	UNIT	TYPICAL VALUE
Colour			Light Blue
Durometer (Hardness)	ASTM D 297	Shore A	52 +/- 5
Specific Gravity	ASTM D 297	g/cc	1.24
Tensile Strength	ASTM D 412	PSI	3185
100% Modulus	ASTM D 412	PSI	177
300% Modulus	ASTM D 412	PSI	288
Elongation at Break	ASTM D 412	%	660
Compression Set	ASTM D 395	%	6.3
Temperature Range		°C (°F)	-20°C to +40°C (-4°F to +104°F)
Bayshore Rebound		%	4
Notched Izod Impact	ASTM D 476	ft-lb/in	Flexed
Tear Resistance	ASTM D 624, Die C	pli	133
Split Tear	ASTM D 470	pli	28

The dimensions shown on this sheet are not absolute and can vary depending on application. Please contact our sales team for more exact specifications.

CHEMICAL RESISTANCE

For detailed Chemical Resistance, please consult the Redwood Plastics and Rubber Material Chemical Compatibility Chart

ASK US about our custom cutting, stamping and fabricating services. All sheet rubber products are available in many formats, including:

- ▶ Full rolls
- ▶ Sheets
- ▶ Cut- to-size strips
- ▶ Blocks
- ▶ Custom-fabricated
- ▶ Die-cut parts

Redwood Plastics offers a quick-ship process for in-stock sheet orders in as little as 24 hours if required.