

Elastocast®/Elastocoat®

Coldcast Polyurethane Elastomers and Polyurea Spray Coatings

Polyurethane / Polyurea Spray Coatings

Benefits:

- Abrasion Resistance
- Toughness
- Durable Surface Over Foam

Applications:

- Truck Bed Liners
- Horse Trailers
- Farm Equipment
- Waterproofing
- Secondary Containment
- Studio Set Design
- Flooring



ELASTOCOAT R38 SERIES*

A two component, low viscosity, polyurethane hybrid with low moisture sensitivity. Natural color for ease of pigmenting. Used as coating for bed liners or over foam. Available in 90A to 95A Shore hardness.

ELASTOCOAT R381 SERIES*

A two component, 100% solid, 80A Shore hardness spray elastomer with low moisture sensitivity and high abrasion resistance. FR and U.V. roofing versions available. Excellent for use as high performance, low maintenance coating.

ELASTOCOAT R271 SERIES*

Polyurea/polyurethane hybrid 60D Shore hardness coating with high impact resistance. Fire retardant and Class I available.

ELASTOCOAT R392 SERIES*

100% polyurea 90A Shore hardness coating with high heat, abrasion resistance and low moisture sensitivity.

ELASTOCOAT R391 SERIES*

100% polyurea 80D Shore hardness coating with high heat and abrasion resistance.

ELASTOCOAT R55 SERIES*

Two component, 100% solid, polyurethane polyurea spray elastomer system. Exhibits excellent abrasion and chemical resistance with good adhesion to most substances. Used for spray in truck bed liners and industrial applications.

ELASTOCOAT R65 SERIES*

Two component, 100% solid, aromatic spray elastomer with 85 shore A hardness. Recommended where high impact resistance is critical. ASTM E-84 rated. -25 flame spread. -295 smoke.

ELASTOCOAT R777 SERIES*

Two component, 100% solid, aromatic spray elastomer with high shore D hardness. Recommended where a moderate to high flex modulus elastomer coating is required to improve surface hardness and impact strength. Uses include coating of EPS foam and polyurethane foam parts.

Elastocast Rigid Pourable Systems

Benefits:

- Pourable System

Applications:

- Molded Picture Frames
- Moldings
- Mannequins
- Furniture Parts



ELASTOCAST R7 SERIES*

Two component, water blown, rigid polyurethane pour foam designed for void filling applications. Easy to hand pour with excellent flow, low exotherm, and fast de-mold times. Foam features hard surface with fine cell structures. Available in 3.0 – 25 p.c.f.

Polyurethane Elastomers

Benefits:

- Easy to Process
- Low Processing Temperature

Applications:

- Concrete Stamps & Forms
- Air & Fuel Filters
- Automotive Bushings
- Automotive Facia
- Tooling
- Mold Making



ELASTOCAST R3 SERIES*

Low viscosity polyether system designed for hand or machine mix. Uses include form liners, bumpers or castings. High impact and shore D hardness.

ELASTOCAST R4 SERIES*

Designed for high production applications or where rapid cure with high tensile and elongation are needed. Applications include automotive bushings, filters and spoilers. Designed for uses requiring high impact, high heat distortion and shore D hardness.

ELASTOCAST R55 SERIES*

Designed for use where high physical properties are required. Uses include tooling, concrete stamps or liners and filter applications.

ELASTOCAST R221 SERIES*

Designed for use where high physical properties are required. Uses include tooling, concrete stamps or liners and filter applications. 1:1 volume for easy use. High water resistance, high resiliency shore A elastomer for in-line skate wheels.

ELASTOCAST R5 SERIES*

Ultra high performance polyurethane elastomer exhibiting exceptional tensile and tear strength. Gel time 1 - 10 min. Low viscosity, translucent, fast cure, high heat distortion system designed for tooling or where high tensile strength is required. Low moisture sensitivity.

ELASTOCAST R8 SERIES*

U.V. stable, non-yellowing, low viscosity clear casting resin. Available in 60 - 90A or 60 - 80 D hardness. Gel time 5 - 30 minutes.

Fixed Ratio Series

Benefits:

- Fixed Ratio's
- Figurines
- Store Display Items
- 50:50 Ratio
- Moldings
- Easy to Mix
- Quick De-molds

Applications:



ELASTOCAST R36 AND R74 SERIES*

Solid cast, two component, low viscosity, 1:1 mix castable polyurethane system that exhibits low exotherm and rapid de-mold times. Used for molding decorative figurines, moldings, tooling, mirror and picture frames. Variety of gel times available. Also used for roto molding of mannequin Parts. Available in tan, black and white. Available in 90 - 180 second gel, 60 - 75 shore D - aromatic odor.

ELASTOCAST R 76 SERIES*

Available in tan, black and white. Available in 1 - 10 min gel. 60 - 75 shore D.

ELASTOCAST R781 SERIES*

Available in tan, black and white. Available in 90 - 180 second gel. 60 - 75 shore D - low odor. High modulus and rapid de-mold.

ELASTOCAST R 33, R72, R75, R76, R77, R331, R332 and R333 SERIES*

High impact version. Tan or White. 60 - 75 shore D.

Mold Making Material

Benefits:

- Lower Cost than Metal Tools
- Room Temperature Casting Resin

Applications:

- Prototype Molds



ELASTOCAST R71 SYSTEM

Low shrink tooling resin with 80D Shore hardness and high heat resistance. Pot life 8 - 10 minutes.

* All series can be produced to specified color, reactivity and demold times.

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