

4911

mFlex™
Rapid Rbbr™



Rapid curing, quick return applied elastomer repair

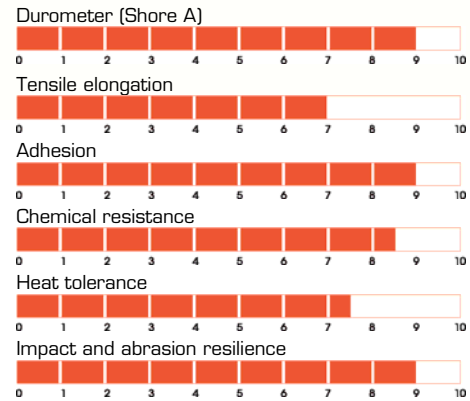
Fast gel, urethane-acrylate epoxy hybrid
(Isocyanate-free)

MCOR™ 4911 (mFlex™ Rapid Rbbr™) is a high durometer, 100% solids, applied urethane-acrylate epoxy hybrid flexible polymer for quick return-to-service/emergency “cold” applied rubberizing. This new generation of urethane-acrylate epoxy hybrid repair sealants undergo similar development of properties to (cold) vulcanizing which will produce higher strengths; in addition, higher moisture tolerance, increased UV resistance, better surface acceptance and adhesion, more stable and longer lasting shelf life without the concern of isocyanates.

mFlex™ Rapid Rbbr™ will:

- Gel and cure quickly for a rapid return to service
- Flow and settle for horizontal repairs, while creating a gel window for vertical/overhead repair needs
- Cure with hard durometer and high strengths

The mFlex™ Rapid Rbbr™ is a two component high performance elastomer specifically designed for fast repair, rebuilding, and coating applications of industrial flexible need areas. Because of its curing system and high performance properties, MCOR™ 4911 provides flexible solutions for emergencies requiring rapid development of properties with extraordinary sealed tolerances to chemicals, wear, abrasion, and degradation while exhibiting strength and robust industrial-grade performance.



* MCOR rating system for cross-comparison of similar products within same MCOR Series and to other similar products.



mFlex™ Rapid Rbbr™

applications include:

- Rapid curing, rubberized repair, rebuilding and coating
- Emergency repairs of rubber and other flexible components
- Conveyor belts
- Quick repairs on cracks and scores of tire sidewalls on heavy duty trucks
- Fast repair of worn gasket seals and rubber rollers
- Cold curing alternative to vulcanized rubber repairs
- Hard durometer castable rubber



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mFlex™ Rapid Rbbr™



mFlex™ Rapid Rbbr™ features:

- Isocyanate-free, no VOCs
- Rapid curing, quick return-to-service
- "Cold" fast curing alternative to vulcanized rubber
- Excellent UV resistance
- Terrific adhesion
- Unique ability to level and hang (both horizontal levelling and vertical/overhead grade)
- 100% solids
- 150% elongation
- Abrasion and wear tolerance
- Excellent chemical resistance
- Terrific impact and vibration tolerances

For more information, please contact your local MCOR™ consultant

MCOR™ 4911

mFlex™ Rapid Rbbr™ is:

RAPID CURING + RAPID SERVICE

mFlex™ Rapid Rbbr™ is specifically designed to undergo a rapid development of properties. The curing system allows for quick gel-times, fast curing, and a rapid return-to-service, offering the field elastomeric emergency repairs and users a quick curing rubberized coating, casting and rebuilding solution for flexible components or areas requiring elongation.

BOTH HORIZONTAL + VERTICAL GRADE

The advanced curing system of the mFlex™ Rapid Rbbr™ provides unique characteristics of both fluidity and paste development in order to assist users with leveling repairs and also vertical repairs. This happens during its curing schedule, whereas first the material will be fluid in order to settle or cast into areas or forms, then after setting for a short period of time, the material will offer a window to build, hang, and apply in paste-grade nature, both vertical and overhead.

A VULCANIZATION ALTERNATIVE (COLD)

mFlex™ Rapid Rbbr™ through an advanced crosslinking system similar to (cold) vulcanizing; a chemical process for converting polymers into more durable materials by the addition of elements, curatives, and other proprietary ingredients produces high strengths. Formulated for sealing and resisting industrial attack of chemicals, corrosives, abrasion and wear. These additives modify the polymer by forming cross-links (bridges) between individual polymer chains. The material is also designed to tolerate weathering elements, UV, and other degradation or constants

ABOUT MCOR

The MCOR product line, trademark and brand are managed and manufactured by Epoxytec Intl Inc. Epoxytec Intl Inc. is a manufacturer of industry specific product lines to combat corrosion by restoring and protecting physical infrastructure worldwide. These product lines are supplied through a portfolio of distinct brands in order to solve corrosion issues of each industry worldwide. For more information regarding both, please visit mcor.net and epoxytec.com respectfully.

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