



# RMC Poly-Flex FR

## Fire Retardant Polyurea Lining for Secondary Containment Applications

### Features

#### Chemical Resistance

RMC Poly-Flex FR provides excellent resistance against a variety of chemicals used in the Oil and Gas Industry.

#### Good Flexibility & Elongation

RMC Poly-Flex FR is formulated to be extremely flexibility and have high elongation to conform to the substrate during movement.

#### Wetting

RMC Poly-Flex FR is designed specifically to wet out geotextiles to create a tough, durable liner.

#### Fast Set

RMC Poly-Flex FR is formulated as a fast-set lining to minimize down times of application areas.

#### Fire Retardant

Designed to pass ASTM E - 84

#### Application

RMC Poly-Flex FR should be applied through a two-component, high pressure proportioning unit. Material and hose heaters should be between 150 – 170 °F. Pressure should be a minimum of 2400 psi. If A side and B side pressures are not equal, stop spraying and examine the equipment.

Be sure to consult with an RMC representative for specific recommendations regarding application.

### Description

**RMC Poly-Flex FR** is a 1:1. Fast set. Spray applied two-component polyurea coating. It is 100% solids and contains zero VOC's. **RMC Poly-Flex FR** is specifically designed for application to geotextile fabric to form a durable, flexible, seamless liner where fire retardant properties are required. It is ideal for preventing leaks and containing spills of wastewater, fuels and many other chemicals. **RMC Poly-Flex FR** has exceptional resistance to impact and chemical attack.

Typical applications for **RMC Poly-Flex FR** include wastewater containment, chemical containment and spill control, fuel loading and unloading stations, water ponds, vapor barriers and landfills.

### Technical Data

Property	Value
<b>Hardness, Shore D/A (ASTM D – 2240)</b>	42/92
<b>Tensile Strength, psi (ASTM D-412)</b>	1900
<b>Tear Strength pli (ASTM D- 624)</b>	225
<b>Elongation, % (ASTM D-412)</b>	230
<b>Permeability, perms (ASTM E-96)</b>	0.05

#### Application Temperature

Substrate, ° F	-40 to 110
Ambient, ° F	-40 to 110
Gel Time, sec	15
Tack Free Time, sec	60
Recoat Window, hrs	24

\*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications

### Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to using **RMC Poly-Flex FR**.

### Packaging, storage, & Shelf Life

RMC Poly-Flex FR is available in 55 gallon drums and 275 totes. It should be stored in sealed containers between 60 ° F and 90 ° F. Shelf life is 12 months under normal conditions.

### Rocky Mountain Containment – 403.948.6639

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate it is provided for your guidance only. Because many factors may affect processing or application/use we recommend that you make test to determine the suitability of a product for your particular purpose prior to use. No warranties whether expressed or implied including warranties of merchantability of fitness for a particular purpose, are made regarding products described or designs, data or information set forth or that the products considered a part of our term and conditions for sale. Further you expressly understand and agree that the descriptions, design and data and information furnished by RMC hereunder are provided gratis and RMC assumes no obligation or liability for the information given or responsibly for results obtained, all such being given and accepted at your risk.