



Oak Ridge™
Chemical/Equipment


Friendly Foam
Earth friendly..User friendly!

OR7K-FR-Containment

Description

OR7K-FR-Containment is a 100% polyurea spray elastomer with exceptional physical properties. Its instantaneous reactivity and one-to-one ratio makes OR7K-FR-Containment an excellent choice for high performance applications.

Proposed Uses

OR7K-FR-Containment is designed for use in harsh environments where high temperature, chemical, and/or abrasion resistance is needed. It exhibits excellent adhesion to most materials and is suitable as a protective-abrasive-impact liner for cementitious, wood, foam and/or metal surfaces. The main design behind the product is its applications in the oil and gas industry. Where it is used to prepare and line out frac water containment ponds that contain a proprietary set of chemical additives, ensuring no "pinholeing" to seal the pond and keep the environment safe.

Typical Properties

Property	Test Method	"A"	"B"
Color	N/A	Off-White	Amber/Black
Specific Gravity	ASTM D-1638	1.12	1.08
Viscosity	Brookfield VLF	900 cps+100	1000 cps+100
Mixing Ratio	By Volume	50	50
Pounds per gallon	From Spec. Gravity	10.3	8.3

Processing Characteristics

Component Temperature at Spray Head:	
A Component	145°F - 160°F
B Component	145°F - 160°F
Minimum System Pressure	2200 psi
Gel Time	Instantaneous
Cure Time	24 Hours
Product Working Temperature Range	-20°F to 200°F

Physical Properties

Density (pcf)	(ASTM D-1622)	70
Shore A Hardness	(ASTM D-2240)	90-95
Shore D Hardness	(ASTM D-2240)	60
Tensile Strength	(ASTM D-2370)	2900 psi minimum
Elongation	(ASTM D-2370)	225% minimum
Tear Strength	(ASTM D-1004)	550 ppi minimum
Taber Abrasion (H-18 Wheel, 1000 Cycles)		0.013% weight loss

Call Coating Holdings LTD for technical questions. 1-800-625-9577.

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Suppliers of High performance Foam/Coating and application Equipment

Coating Holding LTD 575 Commercial Ave., Green Lake, WI 54941 800-625-9577 Fax 920-294-6830
www.oakridgepoly.com