

# TECHNICAL DATA SHEET

Material Specification Criteria | Project Submittal Data



## PREMICOTE 7100

**DESCRIPTION:** Premicote 7100 is a 100% polyurea spray elastomer with exceptional physical properties. Its instantaneous reactivity and one-to-one ratio makes Premicote 7100 an excellent choice for high performance applications.

**PROPOSED USES:** Premicote 7100 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, and/or metal surfaces.

### 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 LVF	900 cps + 100	1000 cps + 100
MIXING RATIO	By Volume	50	50
POUNDS PER GALLON	From Spec. Gravity	10.3	8.3

### PHYSICAL PROPERTIES:

PROPERTY	PREMICOTE 7100	TEST
DENSITY (PCF)	70	ASTM D-1622
SHORE A HARDNESS	90-95	ASTM D-2240
SHORE B HARDNESS	60	ASTM D-2240
TENSILE STRENGTH	2900 psi minimum	ASTM D-2370
ELONGATION	315% avg.	ASTM D-2370
TEAR STRENGTH	550 ppi minimum	ASTM D-1004
TABER ABRASION (H-18 WHEEL, 1000 CYCLES)	0.013% weight loss	N/A

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#### MANUFACTURED BY:

ACCELLA POLYURETHANE SYSTEMS, LLC  
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#### EMERGENCY NOTIFICATIONS:

CHEMTREC : Material Leaks, Spills  
or Fire (800) 424-9300

