

Slow Set 7 & Slow Set 15 76D Urethane Casting System

Product Description:

Alumilite's Slow Set 7 casting system produces a hard, durable, cast piece that gives you 7 minutes of work time. Slow Set 7 can be machined, tapped, dyed, pigmented, or filled with any dry filler. Slow Set 15 is Alumilite's longest open time material is also extremely easy to use. It's 15 minute open time allows users to mix and pour large amounts of resin by hand or by using meter mix equipment quickly and easily. Slow Set's 1:1 mix ratio and low viscosity produces exact reproductions of your original piece.

Physical Properties:

Color	Tan
Mixed Viscosity (cps)	150
Hardness, (ASTM D-2240) Shore D	76
Specific Gravity	1.05
Shrinkage (in/in)	.005
Tensile Strength (ASTM D-638) (psi)	
Elongation (in/in)	
Heat Deflection (ASTM D-648) (Degrees F)	140
Izod Impact (ASTM D-256) (lb/in)	.35

General Properties:

Color	"A" Side	Clear
	"B" Side	Coffee
Mix Ratio		1:1 by wt. or vol.
Shelf Life		1 year
Slow Set 7 Open Time at 75 Degrees F (100g mass)		7 minutes
Slow Set 15 Open Time at 75 Degrees F (100g mass)		15 minutes
Slow Set 7 Demold Time at 75 Degrees F (100g mass)		30-60 min
Slow Set 15 Demold Time at 75 Degrees F (100g mass)		1-3 hours
Full Cure Schedule		72 hours

Packaging:	28 oz	.853 lbs A/1.03 lbs B
	2 Gallon	8 lbs A/8.6 lbs of B
	10 Gallon	39 lbs A/45 lbs B
	Drum Kit	411 lbs A/465 lbs B

Mixing Instructions:

Measure out equal parts side A & B by weight or volume. Combine into mixing cup and stir until no swirls are visible. Scrape sides and bottom of mixing container to ensure all resin is completely mixed.