



Product Data Sheet

PRODUCT DESCRIPTION

7810 Butyl-Urethane is a single component (plus accelerator) low permeability waterproofing membrane for use as a base coat over structural concrete and polyurethane foam insulation.

PRODUCT NUMBERS AND COLORS

Standard color: 7810 Black

CURED RESIN PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	1,000 psi
Elongation	ASTM D412	300%
Permanent Set	ASTM D412	10%
Tear Resistance	ASTM D1004	130 pli
Water Resistance	ASTM D471	1.5%
MVT @ 30 mils	ASTM E96	0.12 English
Shore A	ASTM D2240	71 - 78
Adhesion to Foam	ASTM D903	Greater than Cohesive Strength of Foam

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

PRODUCT DATA

Description	Test Method	Results
Weight/Gal	ASTM D1475	10.4 lbs/gal
Weight Solids	ASTM D5201	84%
Volume Solids	ASTM D5201	77%
VOC	ASTM D5201	204 g/L
Viscosity	ASTM D562	100 - 120 KU
Flash Point	ASTM D1310	>100°F
Pot Life		6 - 8 Hours
Shelf Life		1 Year

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

THINNING

Thinning of 7810 is not required under normal application conditions. However, if required, thin material with Xylene. Never thin more than 10% without consulting NEOGARD. A 1:1 mix by volume of Xylene and M.E.K. should be used for cleaning equipment.

MIXING

Read container labels, MSDS and application instructions prior to mixing. Mix 5 gallon pails and 55 gallon drums with a variable speed drill utilizing a jiffy mixer to suspend any settled pigment and attain a uniform color. Time will vary depending on temperature conditions.

STORAGE

Containers of polyurethane coating should be stored in a cool (70°F) area to insure long shelf life. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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