

TECHNICAL INFORMATION

URETHANES

PRODUCT NAME

Rock-Tite 6

Two-Component Polyurethane Foam

MANUFACTURER

De Neef Construction Chemicals, Inc.
5610 Brystone
Houston, TX 77041
1(800) 732-0166

PRODUCT DESCRIPTION

Rock-Tite 6 is a high-density, two-component polyurethane, water blown foam. It contains no CFC's or HFC's to create its cellular structure. Density of the product is formulated for 6 lb. per cubic foot. Pour temperatures remain stable between 120°F-130°F @ 8" lifts. Foam cream times may be adjusted from 10 seconds to 2 minutes depending on requirements.

APPROPRIATE APPLICATIONS

- Fill rock fissures
- Soil stabilization
- Mine tunnels
- Filling of underground storage tanks
- Pavement punch-outs
- Slab-jacking of concrete floors
- Lip-lined pipes

ADVANTAGES

- Adjustable cure times (10 seconds to 2 minutes)
- 6 lb/cu.ft. density
- Stable pours at elevated temperatures

PACKAGING

Available in 5 gallon pails and 55 gallon drums

SURFACE PREPARATION

Refer to De Neef Surface Preparation Guidelines for more details.

TYPICAL PROPERTIES

Wt. per gallon	9.20 lbs.	
Viscosity Part A (77°F)	100 cps	Brookfield
Viscosity Part B (77°F)	475 cps	Brookfield
Density	6.0 pcf	ASTM D 1622
K-Factor	Fresh 0.14	ASTM C 518
	Aged 0.145	ASTM C 518
Compressive strength	135 psi	ASTM D 1621
Tensile strength	150 psi	ASTM D 638
Dimensional stability @ 158°F-97% RH for 2 weeks	< 1%	
Water absorption	< 0.5%	ASTM D 2842
Water vapor transmission	0.5 perms	ASTM C 355
Max. application temp.	250°F	
Mixing ratio by volume	1:1 (A:B)	

Note: The information describing the physical properties of samples made of this product are offered in good faith and should only be used a guideline for design requirements. No warranty is expressed or implied.

INSTALLATION PROCEDURES

Rock-Tite 6 is designed to be pumped or sprayed, in place, using conventional plural component spray/pour equipment. Due to its fast setting characteristics, it is recommended to use an impingement type mix system for maximum results.

STORAGE & HANDLING

Both components should be stored in a dry place at temperatures between 65°F and 80°F. Do not thin with solvents. Confirm product performance in specific chemical environment prior to use. Substrate temperature must be at least 5°F above the dew point.

PRECAUTIONS

Always use protective clothing, gloves and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest. Refer to Material Safety Data Sheet for detailed safety precautions.

SAFETY INFORMATION

In the event of an EMERGENCY call:
CHEM-TREC 800-424-9300.

WARRANTY INFORMATION

De Neef Construction Chemicals, Inc. products are warranted under the policy set forth under the WARRANTY section of the De Neef Construction Chemicals, Inc., product catalog. Warranty information can also be obtained via the De Neef Construction Chemicals, Inc. website at www.deneef.com, or by calling 713-896-0123 or toll free at 1-800-732-0166.

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