



*protective coatings*  
*caulking compounds*  
*sealants • adhesives*

LABORATORY PRODUCT REPORT

PR-1448 B-2

DESCRIPTION

PR-1448 B-2 is a two-part, thixotropic, polysulfide based, void filling compound, which exhibits low shrinkage, excellent low temperature flexibility, good adhesion and resistance to fuels, oil, grease and salt water. Excellent non-sag characteristics allow for vertical filling of gaps and recesses.

The following tests have been performed in accordance with the requirements of STM-40-106B.

APPLICATION PROPERTIES (Typical)

Color	
Part A	Black
Part B	Beige
Mixed	Black
Mixing Ratio	Part A:Part B
By Weight	10:100
By Volume	6.65:100
NVM, %	98
Application Time after 2 hrs, 0.20 inch (5.08 mm) @ 90 psi (621 KPa) @ 77°F (25°C), g/min	22

PERFORMANCE PROPERTIES (Typical)

Specific Gravity	1.40
Rex Hardness after 48 hrs @ 77°F (25°C)	47
Slump, inch (mm)	0.1 (2.5)
Low Temperature Flexibility @ -65°F (-54°C)	No checking, cracking or loss of adhesion
Resistance to Salt Water and Hydrocarbons	No softening, loss of adhesion or corrosion of metal
Resistance to Heat	No hardening, blistering, or loss of adhesion

SUPERSEDES

**PRODUCTS RESEARCH & CHEMICAL CORPORATION**  
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Adhesion, psi (KPa), % Cohesive Failure Alclad	215 (1483), 100
Consistency	Thixotropic Paste
Crazing Effect	None

**NOTE:** The application and performance property values are typical for the material but are not intended for use in specifications or acceptance inspection criteria because of variations in testing methods, conditions, and configurations.

#### MIXING INSTRUCTIONS

PR-1448 B-2 is supplied in a two-part kit. Mix in the ratio of 10 parts Part A to 100 parts Part B by weight. Mix Part A and Part B separately to uniformity, then thoroughly mix both parts together taking care to avoid leaving unmixed areas around sides or bottom of mixing container.

#### STORAGE LIFE

The storage life in PR-1448 B-2 is approximately 6 months when stored at temperatures below 80°F (27°) in the original unopened containers.

#### HEALTH PRECAUTIONS

The uncured PR-1448 B-2 may produce irritation following contact with skin. When handling material, avoid ingestion and all contacts of the body especially open breaks in the skin. Always wash hands before eating or smoking. Obtain medical attention in case of extreme exposure or ingestion. For additional information, see a Material Safety Data Sheet.

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