



ABRASION

METHOD: ASTM D 4060, (CS-17 Wheel, 1000 gram load).
SYSTEM: Series 206SC ChemBloc cured 30 days at 75°F (24°C).
REQUIREMENT: No more than 73 mg loss after 1,000 cycles, average of three tests.

ADHESION

METHOD: ASTM D 4541.
SYSTEM: Series 201 Epoxoprime/Series 206SC ChemBloc cured seven days at 75°F (24°C).
REQUIREMENT: 400 psi (2.8 MPa) pull, average of three tests.
NOTE: 100% concrete failure.

ELONGATION

METHOD: ASTM D 2370.
SYSTEM: Series 206SC ChemBloc cured 14 days at 75°F (24°C).
REQUIREMENT: 94.5% elongation and 382,600 psi (2,637 MPa) tensile modulus of elasticity, average of ten tests.

HARDNESS

METHOD: ASTM D 2240 (Type A Durometer).
SYSTEM: Series 206SC ChemBloc cured 30 days at 75°F (24°C).
REQUIREMENT: No more than Type A durometer hardness of 98, average of three tests.

IMPACT

METHOD: ASTM D 2794.
SYSTEM: Series 206SC ChemBloc applied to SSPC-SP7/NACE No. 4 Brush-Off Blast Cleaned steel and cured seven days at 75°F (24°C).
REQUIREMENT: Not less than 157 inch-pounds (17.7 J) direct impact, average of three tests.

METHOD: ASTM D 2794.
SYSTEM: Series 206SC ChemBloc applied to SSPC-SP7/NACE No. 4 Brush-Off Blast Cleaned steel and cured 30 days at 75°F (24°C).
REQUIREMENT: Not less than 87 inch-pounds (9.8 J) direct impact, average of three tests.

TEAR STRENGTH

METHOD: ASTM D 5601.
SYSTEM: Series 206SC ChemBloc cured 14 days at 75°F (24°C).
REQUIREMENT: Not less than 7.5 pounds-force (33 N) tear strength, average of two tests.

TENSILE STRENGTH

METHOD: ASTM D 2370.
SYSTEM: Series 206SC ChemBloc cured 14 days at 75°F (24°C).
REQUIREMENT: Not less than 1,944 psi (13.4 MPa) tensile strength, average of ten tests.

This product will meet or exceed the above test requirements established for the coating systems listed. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating. Published technical data is subject to change without notice. The online catalog at www.tnemec.com should be referenced for the most current technical data and instructions. For additional performance criteria and specific test results, contact Tnemec Company or its representative.

