PERFORMANCE CRITERIA

Water Repellants & Penetrant Sealers

PRIME-A-PELL® PLUS – Series 662

ABSORPTION

METHOD RILEM II.4, 5.0 mL, 20 min.

SYSTEM Series 662 Prime-A-Pell Plus cured 35 days at 75°F (24°C).

Substrates:
a) Cast mortar cubes
b) Ohio sandstone
c) Fired clay brick

REQUIREMENT No greater than 0.25 mL drop in the water level of the tube during the 20 minute evaluation. (TR4744)

DEPTH OF PENETRATION

METHOD TTM-113.

SYSTEM Series 662 Prime-A-Pell Plus applied to Ohio sandstone and cured 40 days at 75°F (24°C).

REQUIREMENT No less than 24 mm treatment penetration on Ohio sandstone. (TR4752)

METHOD TTM-113.

SYSTEM Series 662 Prime-A-Pell Plus applied to cast mortar cubes and cured 40 days at 75°F (24°C).

REQUIREMENT No less than 3 mm treatment penetration on cast mortar. (TR4752)

QUV EXPOSURE

METHOD ASTM D 4587 (UVA-340 bulbs, Cycle 4: 8 hours UV/4 hours condensation).

SYSTEM Series 662 Prime-A-Pell Plus applied to brush-off blast cleaned concrete and cured 14 days at 75°F (24°C).

REQUIREMENT No reduction in water repellent performance after 5,000 hours exposure. (TR4671)

WATER ABSORPTION

METHOD ASTM C 67.

SYSTEM Series 662 Prime-A-Pell Plus applied to fired clay brick and cured 14 days at 75°F (24°C).

REQUIREMENT No less than a 96% reduction in water absorption as compared to untreated samples following 24 hours of immersion. (TR4701)

METHOD ASTM C 97.

SYSTEM Series 662 Prime-A-Pell Plus applied to Ohio sandstone and cured 14 days at 75°F (24°C).

REQUIREMENT No less than a 93% reduction in water absorption as compared to untreated samples following 24 hours of immersion.(TR4685)

METHOD ASTM C 140.

SYSTEM Series 662 Prime-A-Pell Plus applied to cast mortar cubes and cured 14 days at 75°F (24°C).

REQUIREMENT No less than a 96% reduction in water absorption as compared to untreated samples following 24 hours of immersion. (TR4684)

WATER VAPOR TRANSMISSION

METHOD ASTM E 96

SYSTEM Series 662 Prime-A-Pell Plus applied to fired clay paver and cured 14 days at 75°F (24°C).

REQUIREMENT No less than 87% retention of the water vapor transmission characteristics of fired clay paver.

METHOD	ASTM E 96
SYSTEM	Series 662 Prime-A-Pell Plus applied to Ohio sandstone and cured 14 days at 75°F (24°C).
REQUIREMENT	No less than 84% retention of the water vapor transmission characteristics of sandstone.
METHOD	ASTM E 96
SYSTEM	Series 662 Prime-A-Pell Plus applied to cast mortar cubes and cured 14 days at 75°F (24°C).
REQUIREMENT	No less than 81% retention of the water vapor transmission characteristics of cast mortar.

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.texcote.com should be referenced for the most current technical data and instructions. For additional performance criteria and specific test results, contact TEX-COTE LLC or its representative.

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