PERFORMANCE CRITERIA

Water Repellants & Penetrant Sealers

PRIME-A-PELL® H20 – Series 633

ABSORPTION

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

SYSTEM Series 633 Prime-A-Pell H20 cured 35 days at 75°F (24°C). H

Substrates:

a) Cast mortar

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. (TR4750)

DEPTH OF PENETRATION

METHOD TTM-113.

SYSTEM Series 633 Prime-A-Pell H20 applied to fired clay brick and cured 40 days at 75°F (24°C).

REQUIREMENT No less than 2 mm treatment penetration on fired clay brick. (TR4765)

METHOD TM-113.

SYSTEM Series 633 Prime-A-Pell H20 applied to Ohio sandstone and cured 40 days at 75°F (24°C).

REQUIREMENT No less than 8 mm treatment penetration on sandstone. (TR4765)

METHOD TM-113.

SYSTEM Series 633 Prime-A-Pell H20 applied to cast mortar cubes and cured 40 days at 75°F (24°C).

REQUIREMENT No less than 1 mm treatment penetration on cast mortar. (TR4765)

WATER ABSORPTION

METHOD ASTM C 67.

SYSTEM Series 633 Prime-A-Pell H20 applied to fired clay brick an cured 14 days at 75°F (24°C).

REQUIREMENT No less than an 83% reduction in water absorption as compared to untreated samples following 24 hours of immersion. (TR4706)

METHOD ASTM C 97.

SYSTEM Series 633 Prime-A-Pell H20 applied to Ohio sandstone and cured seven days at 75°F (24°C).

REQUIREMENT No less than 91% reduction in water absorption as compared to untreated samples following 24 hours of immersion. (TR4680)

WATER VAPOR TRANSMISSION

METHOD ASTM E 96.

SYSTEM Series 633 Prime-A-Pell H20 applied to Ohio sandstone and cured 14 days at 75°F (24°C).

REQUIREMENT No less than 90% retention of the water vapor transmission characteristics of sandstone. (TR4871)

METHOD ASTM E 96.

SYSTEM Series 633 Prime-A-Pell H20 applied to cast mortar cubes and cured 14 days at 75°F (24°C).

REQUIREMENT No less than 100% retention of the water vapor transmission characteristics of cast mortar. (TR4871)

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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