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System P-180D

DESCRIPTION

System P-180D is a solvent-free two component urethane primer. **System P-180D** is designed for use as an adhesion primer with fast set systems.

System P-180D can be top-coated in as little as 3 hours (depending on catalyst level and temperature), eliminating overnight cure times experienced with conventional primers.

System P-180D significantly improves adhesion and corrosion resistance of polyurea and polyurethane fast set elastomers.

System P-180D also provides excellent penetration, reduces pinholing and improves adhesion to concrete.

System P-180D can be applied by spray, brush, or roller.

PROPERTIES

(of cured product*)

Density	1.15 g/mL
Service Temperature	-175°C max. approx.
Shore D Hardness	75 approx.

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

PRODUCT SAFETY

For details an MSDS is available from Quantum Coatings.

*Approximate values only. Should not be considered specifications. This data sheet is intended for general information only. Updated: March 20, 2005

INSTRUCTIONS

Thoroughly mix RESIN before combining with ISO. Combine 1 part RESIN with 1 part ISO by volume. Mix by hand or with a mechanical mixer at low speed. Care must be taken to avoid incorporating air into the mixture as this will cause foam to be generated during curing. Mix for approximately 1 minute or less to achieve a uniform mixture.

Apply as required by spray, brush or roller. Clean all equipment immediately with common paint thinner. If product has begun to set a more powerful solvent such as N-Methylpyrrolidone may be required to effectively clean equipment.

Mixed product will remain liquid for approximately 60 minutes. Mixing larger volumes or at elevated temperature will reduce the pot life of mixed material. If a faster recoat time is required. A "fast set" version of **P-180D** is also available.

Allow a minimum of 3 hours and a maximum of 18 hours cure time before topcoat is applied. Do not apply topcoat before **P-180D** is touch dry.

AVAILABILITY

System P-180D is packaged in 2 gallon (1 gallon Resin and 1 gallon ISO) or 10 gallon (5 gallon Resin and 5 gallon ISO) kits.

OTHER

The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use. Quantum makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum will replace it or refund the purchase price. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum has the authority to change this warranty.



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System P-180D Fast Set

DESCRIPTION

System P-180D Fast Set is a pre-catalyzed version of **System P-180D**. It is designed to allow top-coating in as little as 1 hour. **P-180D Fast Set** has a pot life of 90 seconds and must be applied using plural component application equipment. Pre-catalyzing eliminates any variance or mixing errors that may result from field addition of catalyst.

PROPERTIES

(of cured product*)

Density	1.15 g/mL
Service Temperature	-175°C max. approx.
Shore D Hardness	75 approx.

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

PRODUCT SAFETY

For details an MSDS is available from Quantum Coatings.

*Approximate values only. Should not be considered specifications. This data sheet is intended for general information only. Updated: March 20, 2005

INSTRUCTIONS

Must be applied using a plural proportioning spray equipment with a 1:1 ratio. Graco E-10 or equivalent is recommended. An air assisted static mix style proportioner is also adequate. Adjust equipment settings to achieve a uniform spray pattern and apply using proper painting technique. **Do not use a conventional airless system - short pot-life is not compatible with pre-mixing.**

Allow a minimum of 1 hour and a maximum of 8 hours before topcoat is applied. Note: At very high or low substrate temperatures the cure time and recoat time will be affected. Consult with the manufacturer for guidelines.

AVAILABILITY

System P-180D Fast Set is packaged in 2 gallon (1 gallon Resin and 1 gallon ISO) or 10 gallon (5 gallon Resin and 5 gallon ISO) kits.

OTHER

The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use. Quantum makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum will replace it or refund the purchase price. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum has the authority to change this warranty.