



744 Amercure PQ Clear

NOVEMBER 2004

Description and Features

Amercure PQ Clear finish coatings are fast cure, environmentally friendly coatings, with good coating productivities, minimal paint waste and very low volatile organic compounds (VOCs). Amercure UV Finish coatings are designed for roller coating applications and curing with UV lamps, as recommended under the Application Process Specifications.

- Environmentally friendly
- Fast curing under UV lamps
- Smooth and silky feel
- Resistant to chemicals and scratching

Coverage: 30µm = 30g/sq.m

Shelf Life: 1 year in original, unopened pails

Uses

As a finish for parquet flooring, partitioning and most interior woodwork.

Colour Availability

Clear, G20

Packaging

Available 20L, 210L

Substrates

Veneer and other hard timbers

Thinning and Clean Up

Clean up with IPA, MEK

Application

Process Specifications:

Belt speed – 6m/min

Lamp power – 120 watts/cm

Lamp settings:

First coat – One Hg lamp

Second coat – two Hg lamps with light sanding in between coats

Application roller speed – 5.5 m/min

Theoretical Coverage

33 sq. m/litre, 1st coat 10-20g/sq.m, 2nd coat 6-10g/sq.m

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Health and Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration. Do not use in the presence of naked flame or other sources of ignition. Store away from heat. Wear safety glasses / goggles, a half face respirator with organic vapour cartridge, and PVC or nitrile chemical handling gloves.

Store / dispose of residues in accordance with local body regulations.

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

Total Solids Content

98% (wt), 98% (vol)

Surface Preparation

Sealed and sanded in accordance with standard UV protocol.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

CAUTION:

Improper use and handling of this product can be hazardous to health.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. Ameron makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which Ameron is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

This product is for professional use only. Not for residential use.

First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON, 0800 764 766.

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently.

If affected by vapour, get into fresh air immediately.

If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

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Substrate Systems

NOVEMBER 2004**Preparation**

Sand – standard UV procedure

Substrate / Recommended System	Film Build	Overcoat Time @ 20 Degrees C	Overcoat Preparation
WOOD / VENEER (Natural Finish, Unstained) 1 st coat 744 2 nd coat 744	10-20 g/sq.m 6-10 g/sq.m		

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