

# interthane 990 international paint

Interthane 990 International Paint is a high-performance, two-component polyurethane finish, renowned for its durability and aesthetic appeal in various industrial and marine applications. This advanced paint system is particularly popular in environments where resistance to weathering, chemicals, and physical abrasion is crucial. With its remarkable gloss retention and color stability, Interthane 990 offers a reliable solution for both protective and decorative purposes, making it an essential choice for many professionals in the coatings industry.

## Overview of Interthane 990

Interthane 990 is formulated to withstand the rigors of harsh environments, providing a long-lasting finish that can endure extreme conditions. As a part of the International Paint product line, it is designed to offer superior protection for a wide range of substrates, including metal, wood, and concrete.

## Key Features

1. **Durability:** Interthane 990 showcases exceptional resistance to UV radiation, moisture, and chemical exposure, making it ideal for both interior and exterior applications.
2. **Aesthetic Appeal:** The paint provides a high-gloss finish that enhances the visual appeal of surfaces, ensuring they look new for longer periods.
3. **Versatility:** It can be used on various substrates, including steel, aluminum, and fiberglass, catering to diverse industries such as marine, industrial, and architectural sectors.
4. **Application Flexibility:** Interthane 990 can be applied using various methods, including brush, roller, or spray, allowing for flexibility in application techniques based on project requirements.
5. **Fast Drying:** The quick drying time enables faster project completion, minimizing downtime and enhancing productivity.

## Applications of Interthane 990

Interthane 990 is suitable for a wide range of applications, making it a go-to choice for many professionals in different fields. Some common uses include:

1. **Marine Coatings:** Ideal for ships, boats, and offshore structures, providing protection against saltwater, marine growth, and extreme weather.

conditions.

2. Industrial Equipment: Perfect for machinery and equipment exposed to harsh chemicals and rugged environments, ensuring longevity and operational reliability.

3. Architectural Finishes: Used for commercial buildings and infrastructure, enhancing both aesthetic appeal and structural integrity.

4. Transportation: Applied to vehicles, trailers, and rolling stock, providing a durable and attractive finish that withstands wear and tear.

## **Advantages of Using Interthane 990**

- Long-lasting Protection: The paint's advanced formulation ensures it remains effective in protecting surfaces from corrosion and damage.

- Ease of Maintenance: Surfaces coated with Interthane 990 are easier to clean, as dirt and grime can be removed more readily due to its smooth finish.

- Increased Value: Buildings and equipment that use high-quality finishes like Interthane 990 often retain higher resale values due to their maintained appearance and condition.

- Sustainability: With a focus on environmental responsibility, Interthane 990 can contribute to LEED certification in green building projects due to its low VOC (volatile organic compound) content.

## **Preparation and Application Process**

Proper preparation and application are crucial to achieving the best results with Interthane 990. Here's a step-by-step guide to ensure optimal performance.

### **Surface Preparation**

1. Cleaning: Remove any contaminants such as grease, oil, dirt, and old paint using appropriate cleaning agents.

2. Surface Repair: Fill any holes, cracks, or imperfections with suitable fillers and sand them smooth.

3. Priming: Depending on the substrate and existing condition, a compatible primer may be required to enhance adhesion and durability.

### **Application Steps**

1. Mixing: Interthane 990 is a two-component system that requires proper mixing of the base and hardener according to the manufacturer's instructions.

2. Testing: Before applying to the entire surface, conduct a small test area

to ensure the desired finish and compatibility.

3. Application: Use the chosen method (brush, roller, or spray) to apply the paint evenly. Aim for a consistent coat without drips or runs.

4. Drying: Allow the paint to dry as per the recommended time on the technical data sheet. Avoid exposing the coated surface to moisture during the curing process.

## Maintenance and Care

To prolong the life and appearance of surfaces coated with Interthane 990, regular maintenance is essential. Here are some maintenance tips:

- Routine Inspections: Regularly inspect for signs of wear or damage.
- Cleaning: Clean the surface periodically using mild detergents and water to prevent buildup of dirt and grime.
- Touch-up: Address any chips or scratches promptly with touch-up paint to maintain protective qualities.

## Health and Safety Considerations

When working with Interthane 990, it is essential to follow safety protocols to protect both the applicator and the environment:

- Personal Protective Equipment (PPE): Always wear appropriate PPE, including gloves, goggles, and respirators as necessary.
- Ventilation: Ensure proper ventilation in the application area to minimize exposure to fumes.
- Waste Disposal: Dispose of any waste materials according to local regulations to minimize environmental impact.

## Conclusion

In summary, Interthane 990 International Paint stands out as a premium choice for professionals seeking a reliable, high-performance coating solution. Its combination of durability, aesthetic appeal, and versatility makes it suitable for a variety of applications across industrial, marine, and architectural sectors. By following proper preparation and application techniques, users can achieve a long-lasting finish that not only protects but also enhances the surfaces it is applied to. Whether you are maintaining equipment, protecting marine vessels, or beautifying architectural structures, Interthane 990 is a powerful ally in achieving outstanding results. With its commitment to quality and performance, it remains a top choice in the coatings industry for years to come.

# **Frequently Asked Questions**

## **What is Interthane 990 and what are its primary uses?**

Interthane 990 is a high-performance polyurethane coating manufactured by International Paint, primarily used for protective and decorative finishes in industrial and marine applications.

## **What are the environmental benefits of using Interthane 990?**

Interthane 990 is designed to have low VOC (Volatile Organic Compounds) levels, making it more environmentally friendly compared to traditional paints, and it helps in reducing air pollution.

## **How does Interthane 990 perform in terms of durability?**

Interthane 990 offers excellent durability, with resistance to abrasion, chemicals, and UV light, making it suitable for harsh environments and prolonging the lifespan of the coating.

## **Can Interthane 990 be used on various surfaces?**

Yes, Interthane 990 is versatile and can be applied on a variety of substrates including steel, aluminum, and concrete, making it suitable for a wide range of applications.

## **What are the recommended application methods for Interthane 990?**

Interthane 990 can be applied using spray, brush, or roller techniques, with airless spray being the preferred method for a smooth finish.

## **What is the typical drying time for Interthane 990?**

Interthane 990 typically dries to the touch within 30 minutes to 1 hour, but full cure may take up to 7 days depending on environmental conditions.

## **Is Interthane 990 available in different colors and finishes?**

Yes, Interthane 990 is available in a wide range of colors and finishes, including gloss, semi-gloss, and satin, allowing for customization to meet specific aesthetic requirements.

## **Interthane 990 International Paint**

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