

Interthane® 990 HS

Polyurethane

PRODUCT CHARACTERISTICS Level of sheen and surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible. Best results in terms of gloss and appearance will always be obtained with air spray application.

For brush and roller application, and in some colors, two coats of Interthane 990 HS may be required to give uniform coverage, especially when applying Interthane 990 HS over dark undercoats, and when using certain lead free bright colors such as yellows and oranges. Best practice is to use a color compatible intermediate or anti-corrosive coating under the Interthane 990 HS.

Application at high film thickness, i.e. greater than 4 mils (100 microns) is likely to detract from appearance, due to surface defects. At low film build 1.5 mils (40 microns) dry film thickness opacity will be insufficient to give good coverage, with a number of colors resulting in an uneven finish appearance.

Over-application of Interthane 990 HS will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.

When surface temperatures are greater than 104°F (40°C) for periods of greater than 72 hours then pretreatment may be required before application of a further coat of Interthane 990 HS. When recoating beyond 30 days at any surface temperature additional surface preparation may be required. Contact International Protective Coatings for recommendations.

Application at excessively high relative humidity, or under conditions where condensation is likely to occur, may result in immediate or premature loss of gloss. Best results will always be obtained by applying with RH less than 85% and with surface temperatures at least 5°F (3°C) above dew point.

Condensation occurring during or immediately after application may result in a matt finish and an inferior film.

Premature exposure to ponding water will cause a color change, especially in dark colors.

This product has the following specification approvals:

USDA approval for incidental food contact surface in federally inspected meat and poultry plants. Subject to Inspector-in-charge approval.

SYSTEMS COMPATIBILITY

The following primers/intermediate coats are recommended for Interthane 990 HS:

Intercure 200	Interplus 770
Intercure 420	Interplus 880
Intergard 251	Interseal 670 HS
Intergard 269	Interzinc 42
Intergard 270	Interzinc 53
Intergard 401	Interzinc 315
Intergard 475 HS	Interzone 505
Interplus 255	Interzone 954
Interplus 355	Interzone 1000

Interthane 990 HS is designed to be topcoated with itself.

For other suitable primers/intermediate coats/topcoats, consult International Protective Coatings.