



irathane*futura*



ULTRATHANE POLYURETHANE COATING TECHNOLOGY FOR WOOD SPEAKER ENCLOSURES

ITW Engineered Polymers



WHAT DOES ULTRATHANE OFFER SPEAKERS?

The Ultrathane system has been specifically developed for wooden speakers to enhance their aesthetic appearance and provide extra protection for indoor and outdoor usage. The system is a fast cure, solvent free, spray applied, polyurethane coating, providing rapid production with minimal surface preparation.

BENEFITS

Durable and seamless

Ultrathane is a very tough coating that provides a seamless, flexible, impact resistant, plastic protection to the wood surfaces of speakers. It easily handles the rigors common to assembling, dismantling and moving during large concerts or shows. The tough polyurethane will resist cuts, abrasion and cracking.

Weatherability

Ultrathane will resist moisture intrusion, cracking and peeling, from weathering or exposure to high humidity conditions. The optional topcoat provides exceptional UV protection.

Aesthetically pleasing surface finish

Ultrathane can be applied with a variety of textures. Colour can be adapted to the requirements of the customers. The optional topcoat gives a high quality matt finish.

Environmental friendly

Ultrathane has no volatile organic compounds (VOC), making it an environmentally friendly solution.

Production advantages

Since Ultrathane is applied in one coat and cures in minutes, it will dramatically speed speaker production when compared to others methods. It also reduces greatly the surface preparation and sanding work by hiding minor surface defects.

ULTRATHANE

At Irathane Futura, we offer a dedicated coating product range specifically designed and tested for speaker manufacture. Our value-added services and years of experience in manufacturing coatings for wooden substrates, has proven to be invaluable to our customers.

We have pioneered the application of high performance polyurea coatings into wide sectors of industry and work in partnership with our customers to ensure project success. Major speaker manufacturers have successfully and continuously used our Ultrathane, Ultrachrome coatings, and our customers rely upon our commitment to always deliver the highest quality finishes.

As part of the overall commitment to customer satisfaction, Irathane Futura supplies and recommends a full range of accessory materials such as finishes, adhesives and repair materials. We always strive to provide customers with working solutions, through our ongoing commitment to excellent service and product quality.

SPEAKERS USED AT:

- CONCERTS
- STUDIOS
- STADIUMS
- AUDITORIUMS
- THEME PARKS
- SCHOOLS



STEP ONE:
Beginning with a prepared wooden speaker enclosure, spray ULTRATHANE coatings at 250-1000 µm.



STEP TWO:
Using a special spray technique, you can add a unique textured appearance.



STEP THREE OPTIONAL:
Spray Futura's compatible topcoat for additional weatherability and colour retention.

Ultrathane 5410

A 100% solids, two component, fast set, structural polyurethane/urea hybrid. Specifically formulated to have a balance of impact resistance and stiffness.

- Outstanding heat resistance
- Ideally suited to speaker box applications

Kit size	Application	Colour	Product type
110 & 10 USG Kit		Black	Polyurethane /Urea

Ultrachrome 452

A single component, standard cure, water-based, aliphatic urethane. Can be used as either an in-mould or post-finish coating. For post-finish applications Adhesion Promoter 1552 is required.

- Colour stable
- Elastomeric

Kit size	Application	Colour	Product type
1 USG		Black/White Tint Base	Polyurethane



ITW Engineered Polymers

Bay 150,
Shannon Industrial Estate
Shannon, County Clare
Ireland
T. +353 61 771 500
E-mail. mail@itwep.com

ITW Engineered Polymers

130 Commerce Drive
Montgomeryville
PA 18936
T. +1 215-855-8450
F. +1 215-855-4688
www.irathane futura.com



irathane*futura*

www.itwengineeredpolymers.com