

COMPOSITES



17W Futura Coatings



PRODUCTS

- ▶ Futura-Thane 5410
- ▶ Ultrathane 5365
- ▶ Ura-Shield 5324
- ▶ Ultrathane 5270
- ▶ Ultrathane 5220
- ▶ Ultracore 5170
- ▶ Ultrafoam 5158
- ▶ Ultrachrome 1101
- ▶ Ultrachrome 452

FUTURA-THANE 5410

TYPICAL PROPERTIES

- 100% SOLIDS
- NO VOC

FUTURA-THANE 5410

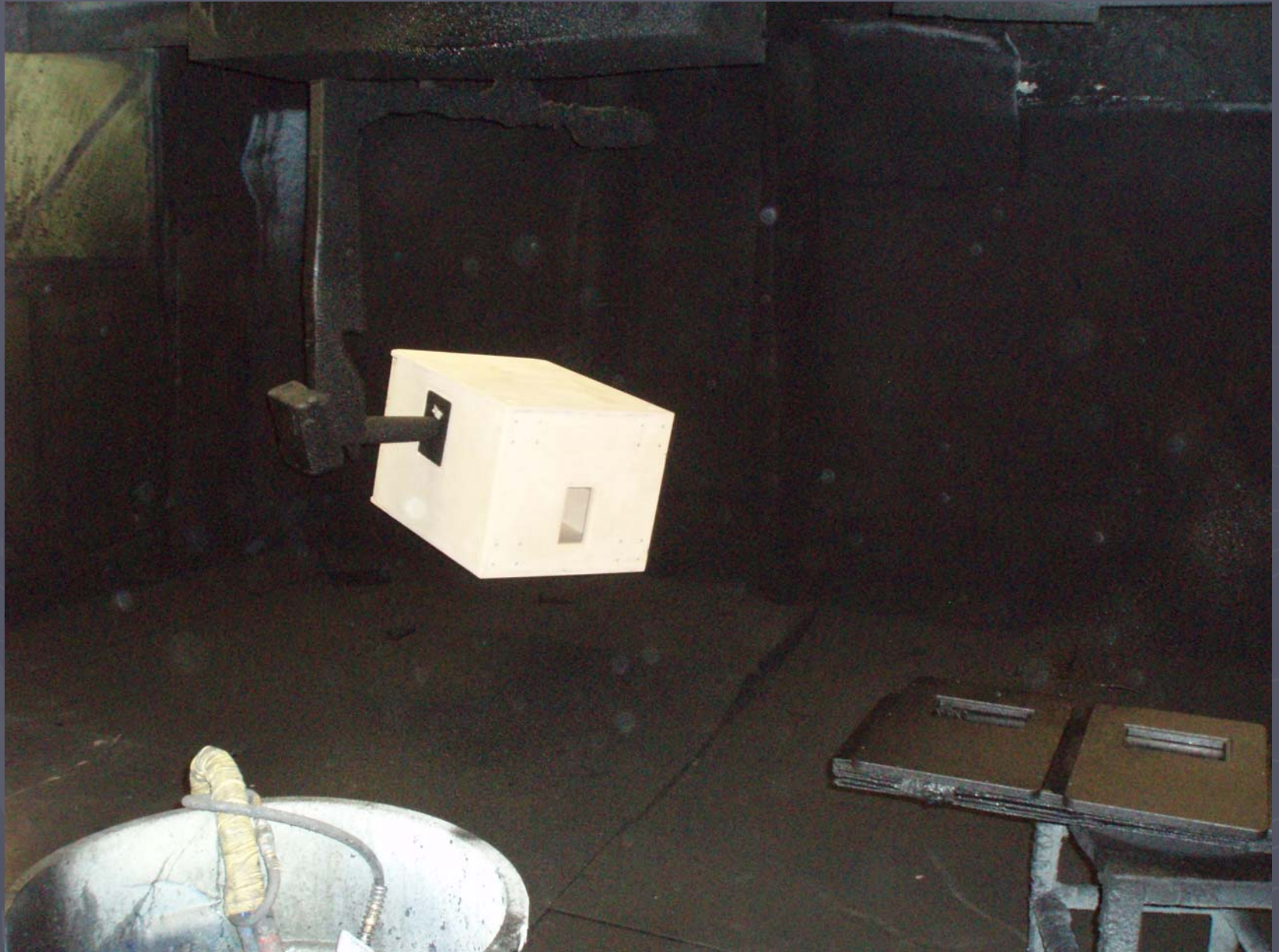
FEATURES

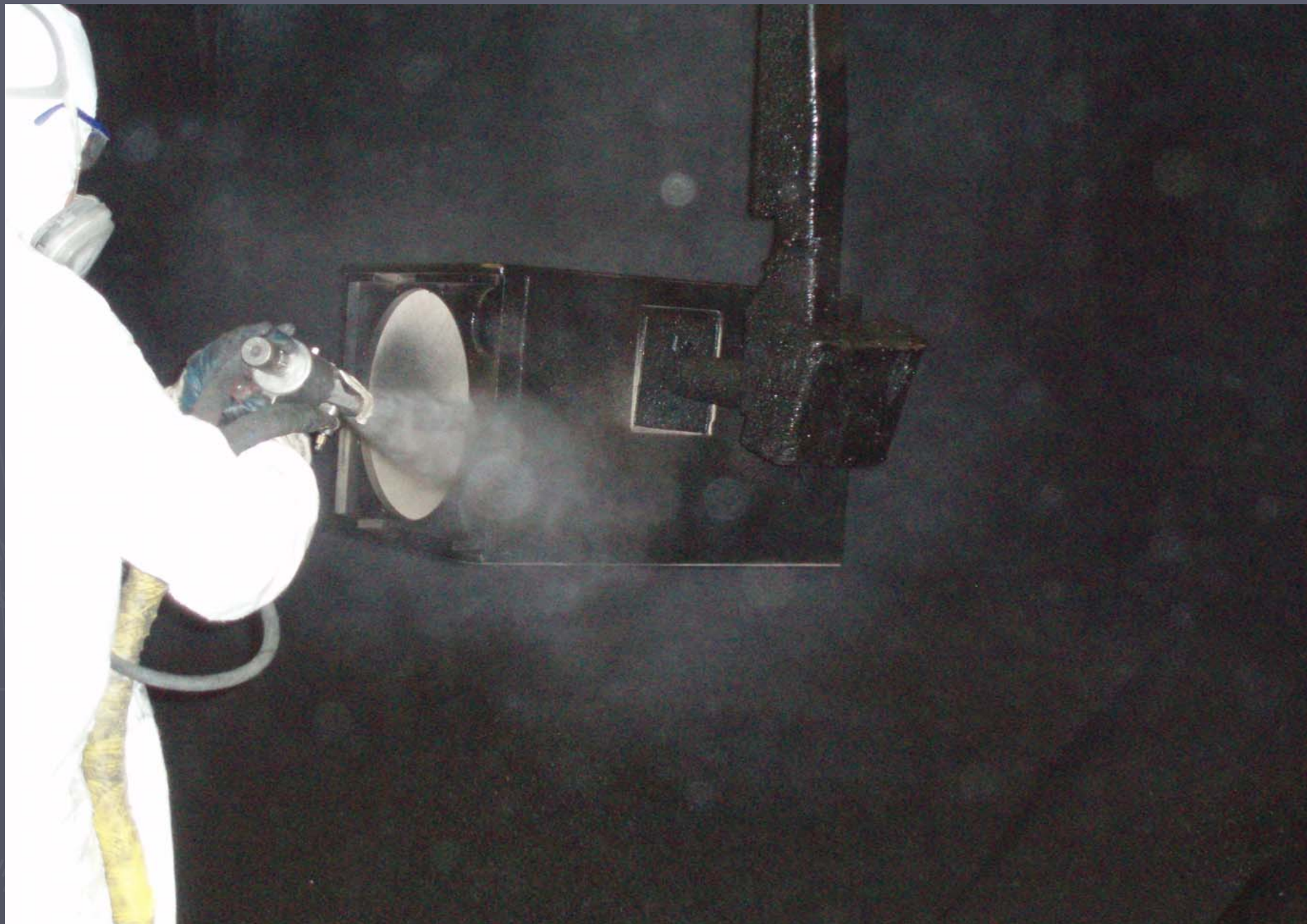
- ❖ **ALLOWS MORE IMPACT RESISTANCE AND LESS HEAT WARPAGE THAN STRAIGHT URETHANE STRUCTURALS**
- ❖ **FAST CURE FOR MAXIMUM PRODUCTIVITY AND SPEED**

FUTURA-THANE 5410

RECOMMENDED SURFACES

- **WOOD – FIBERGLASS - EPOXY or METAL MOLDS**







ULTRATHANE 5365

**LOW MODULUS STRUCTURAL SPRAY FOR
AUTOMOTIVE APPLICATIONS**

**A POLYUREA/POLYURETHANE HYBRID
RESIN DEVELOPED FOR HIGH
PERFORMANCE STRUCTURAL
APPLICATIONS**

ULTRATHANE 5365

FEATURES

- LESS SHRINKAGE THAN OTHER POLYUREA SYSTEMS
- RESISTANT TO COLD TEMPERATURE CRACKING AND HEAT WARPAGE
- CURE CAN BE ADJUSTED TO FACILITATE TRIMMING IN-MOLL

USES:

- GROUND EFFECT COMPONENTS
- BUMPER FASCIA





URA-SHIELD 5324

100% SOLIDS, RAPID CURE MODIFIED URETHANE

- SEAMLESS MONOLITHIC
- TILE LIKE FINISH FOR EASY CLEANABILITY
- RESISTS MOISTURE AND VARIOUS CHEMICALS
- MEETS NSF/ANSI STANDARD 51 FOR FOOD EQUIPMENT MATERIALS

URA-SHIELD 5324

RECOMMENDED USES

- AS A HARD, DURABLE, "PLASTIC-LIKE" PROTECTION FINISH OVER WOOD, INSULATION, DRYWALL, MASONARY, PLASTIC AND METAL
- LOW ODOR
- ZERO VOC







5270 ULTRATHANE

IN –MOLD/POST FINISH

- FAST SET, AROMATIC URETHANE ELASTOMER. IT IS COMMONLY USED AS AN ELASTOMERIC IN MOLD COATING FOR ALL KINDS OF FLEXIBLE FOAM



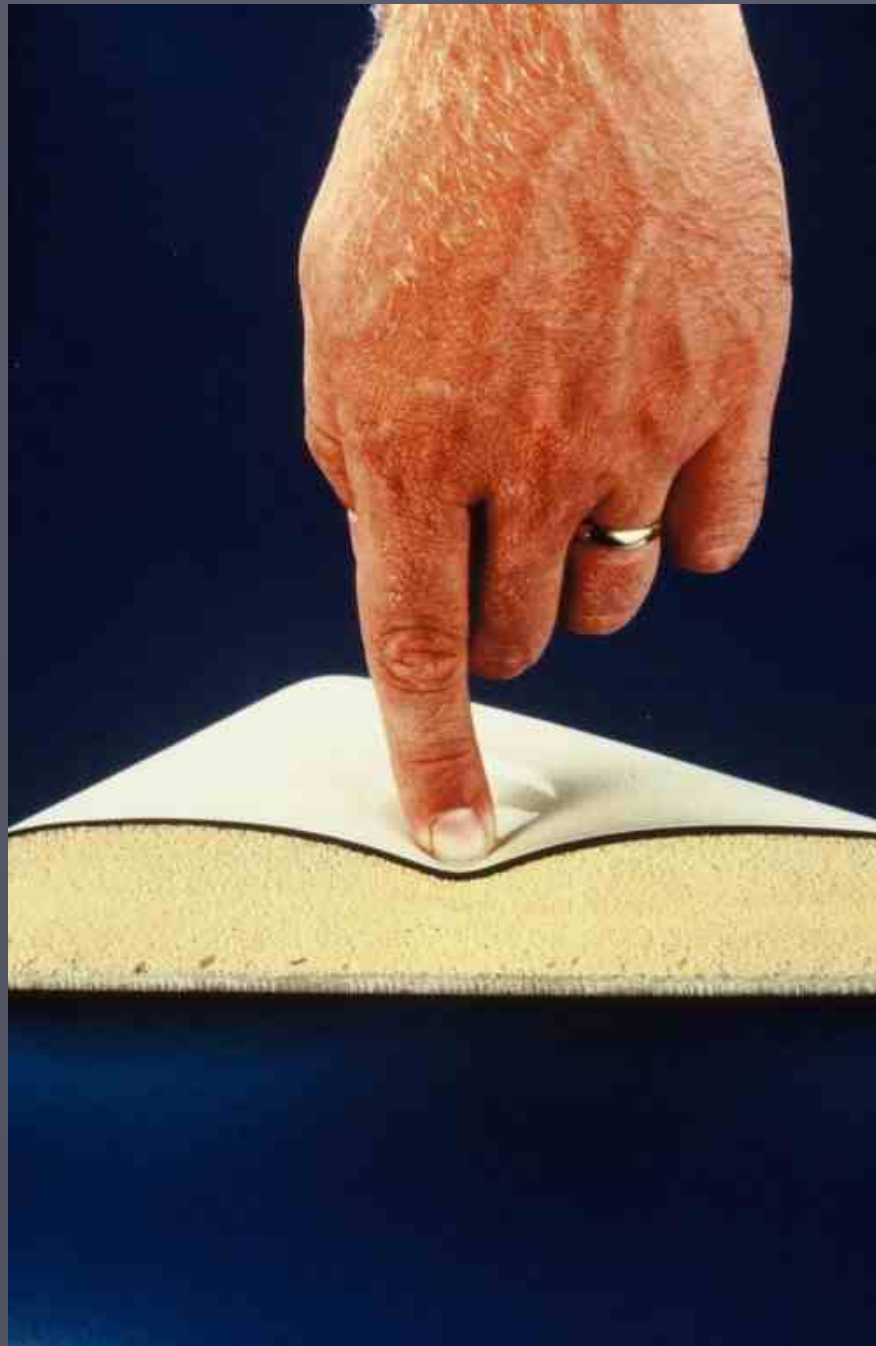


ULTRATHANE 5220

SIMILAR TO ULTRATHANE 5270

BUT THIS PRODUCT HAS LOWER
MODULUS, SLOWER CURE AND A
75-80 SHORE A

HIGH BUILD PROPERTIES FOR
APPLICATION UP TO 100 MILS
IN A SINGLE PASS



Ultracore 5170

Structural Foam

- A 20 POUND PER CUBIC FOOT DENSITY, RAPID SET, SPRAY APPLIED, RIGID POLYURETHANE FOAM

ULTRACORE 5170

RECOMMENDED USES

- **DISPLAY MODELS**
- **STRUCTURAL APPLICATIONS**
- **ARTIFICIAL ROCK AND OTHER DECORATIVE ARTIFACTS**



ULTRAFOAM 5158

SOUND DAMPENING FOAM

- A SOUND DAMPENING POLYURETHANE SEMI RIGID FOAM
- SPECIFICALLY DESIGNED FOR APPLICATION WHERE A SOUND DAMPENING FUNCTION IS DESIRED

ULTRAFOAM 5158

RECOMMENDED USES

- METAL OR PLASTIC BATHTUB BACKING MATERIAL
- METAL OR PLASTIC SINK BACKING MATERIAL
- BOAT OR VEHICLE WHERE MECHANICAL VIBRATING AND NOISE EXIST AND SOUND DAMPENING IS NEEDED



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SIM RELEASE 9910

A NON SILICONE/NON WAXY MOLD
RELEASE FORMULATED TO RELEASE A
VARIETY OF FUTURA COATINGS IN MOLD
MATERIALS

FEATURES

- NON-TRANSFERRING
- NO BUILD UP ON MOLDS
- EXCELLENT RELEASE QUALITIES



ULTRACHROME 1101

IN-MOLD COATING/POST FINISH

**A SINGLE COMPONENT COATING DESIGNED
AS AN IN-MOLD COATING TO ENHANCE
RELEASE PROPERTIES**

FEATURES

- SINGLE PACKAGE/FAST DRY**
- OUTSTANDING FLEXIBILITY & IMPACT RESITANT**
- GOOD COLOR RETENTION**
- PROVIDES STAINABLE SURFACE**



ULTRACHROME 452

IN-MOLD COATING

**A SINGLE PACKAGE WATERBASED,
ALIPHATIC URETHANE**

**MAY BE USED AS EITHER AN IN-MOLD
COATING OR POST FINISH COATING**





QUESTIONS



ITW Futura Coatings