

# Madewell® 1450™

## Aliphatic Polyurethane Coating



### FEATURES/BENEFITS

SUPERIOR GLOSS RETENTION	EXCELLENT COLOR STABILITY
RESISTS UV DEGRADATION	TOUGH & FLEXIBLE
IMMERSION IN FRESH AND SALT WATER	NON TOXIC & EASY TO CLEAN SURFACE

### PRODUCT DESCRIPTION

**M**ADEWELL 1450 provides excellent performance on structures exposed to ultraviolet (UV) light. It is used for both new construction and for the rehabilitation of concrete surfaces in freshwater and saltwater aquariums and pools. **MADWELL 1450** is typically used as a topcoat over other Madewell coatings to provide UV light resistance and additional corrosion protection.

**MADWELL 1450** is normally applied at 5 mils wet film thickness (WFT) in a single coat. Its free spreading characteristics, fast set time, and ease of cleanup help to minimize labor costs and down time.

### PRODUCT DATA

#### COMPOSITION:

54% solids, aliphatic polyurethane topcoat.

#### FINISH:

Gloss.

#### COLORS:

Standard: white, light gray, blue; custom colors available.

#### THICKNESS:

5 mils WTF (2.7 mils dry film thickness, or DFT) in a single coat. Consult a Madewell Technical Representative for specific recommendations.

#### COVERAGE:

Approximately 960 square feet (ft<sup>2</sup>) per kit at 5 mils WTF (2.7 mils DFT). Allowances should be made for waste.

#### PACKAGING:

Normally stocked in three-gallon, two-component kits; special packaging available.

#### SURFACE PREPARATION:

**MADWELL 1450** is intended for use as a topcoat over other Madewell epoxy coatings. In most cases, it is not necessary to prepare the previously applied coat prior to application of **MADWELL 1450** when the previous coat(s) have been applied under con-

trolled conditions and are being re-coated within 24 to 48 hours (depending on ambient temperatures.) Contact a Madewell Technical Representative for additional information.

#### MIXING RATIO:

Mix components at a volume ratio of 2 parts A to 1 part B. Whenever possible, avoid mixing partial kits.

#### MIXING:

This is a two component system. Each component (liquids A and B) should be at room temperature (73° Fahrenheit, F) prior to mixing. The entire contents of each component should be thoroughly mixed individually before combining separate components together. If it is not possible to mix an entire kit, pour carefully measured quantities of both components into a clean container and blend thoroughly using a power agitator, such as a Jiffy® mixer, and a high strength industrial drill for 3 minutes. Do not mix more material than can be used within stated working times.

#### WORKING TIME:

Approximately 2 hours at 70° F. Working time will be extended at lower temperatures and shortened when higher.

#### THINNING:

Thinning is not recommended.

#### APPLICATION:

**MADWELL 1450** can be applied by conventional airspray and or rolling with a mohair roller. Contact a Madewell Technical Representative for specific recommendations.

#### CURE TIME:

*To Handle:* 10 hours at 70° F.

*Immersion Service:* 24 hours to 7 days, depending on the service environment and ambient temperature during cure. Contact a Madewell technical representative for specific instructions.

#### CLEAN UP:

Use xylene or methyl ethyl ketone (MEK) to clean application equipment. Skin should be cleaned using warm, soapy water or commercial hand cleaner.

#### DELIVERY & STORAGE:

Check containers for damage, and verify quantities before accepting shipments. Store components in sealed containers in a dry environment at moderate temperature conditions (40° F to 80° F).

**Madewell 1450 Aliphatic Polyurethane Coating****SHELF LIFE:**

1 year, depending on storage conditions, subject to reinspection thereafter.

**SAFETY:**

KEEP OUT OF REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

**MADWELL 1450** contains urethane resins that *MAY CAUSE EYE, SKIN, RESPIRATORY, OR NERVOUS SYSTEM SENSITIZATION*. Adequate health and safety precautions should be observed during all storage, handling, use, and drying periods. For best results and safest usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this

product. When using this product in a confined space or closed area, consult the current the OSHA or American National Standards Institute (ANSI) bulletins on safety requirements. Do not take internally. If swallowed, call a physician immediately. Keep away from open flame, and keep containers tightly closed when not in use.

**WARRANTY:**

All technical data, recommendations, and services are rendered by the Seller gratis. They are based on technical data that the Seller believes to be reliable and are intended for use by persons having skill and knowledge at their discretion and risk. Seller assumes no responsibility for results obtained or

damages incurred from their use by the Buyer whether as recommended herein or otherwise. Such recommendations, technical advice, or services are not to be taken as a license to operate or intended to suggest infringement of any existing patent. MADEWELL PRODUCTS CORPORATION MAKES NO GUARANTEE OR WARRANTIES EXCEPT AS OTHERWISE PROVIDED IN WRITING AND DISCLAIMS ANY AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

® Jiffy is a registered trademark of the Jiffy Mixer Company.