



# HERCULOX

*Re-Emulsifiable Latex  
Bonding Compound*

## 1. Product Description

a. **Basic Use:** Herculox is a milky white re-emulsifiable liquid adhesive used to bond new concrete toppings or cement plaster to floors, walls, walkways, steps, loading docks, ramps or any structurally sound masonry without chipping, scarifying or otherwise roughening the surface. Herculox also rejoins broken masonry or other materials with a tenacious bond.

### b. Features/Benefits:

- Herculox welds concrete and masonry components together without mortar by penetrating deep into porous surfaces to achieve firm anchorage.
- Easy clean up with soap and water.
- Herculox remains re-emulsifiable months after application.
- Herculox may be used for gluing wood and paper to itself or to other surfaces including metal.
- Easy to apply.
- Nonflammable, non-toxic and releases no noxious vapors permitting interior applications.
- Unique properties allows for application to damp or dry substrates.
- Herculox may be applied just prior to or days before overlayment placement.
- Increases bond strengths while improving impact resistance.

c. **Typical Applications:** Buildings, structures or floors requiring restoration or repair.

d. **Limitations:** Should not be used as a structural adhesive or bonding agent. Do not use in areas subject to frequent moisture such as parking garages, water treatment tanks, swimming pools and driveways. Do not use if temperature is below 45°F (7°C) or apply over water soluble material. Do not use as a water-proofing agent over any type of surface. Herculox should not freeze.

e. **Composition:** Herculox is a single component ready to use polyvinyl acetate based adhesive.

f. **Color/Appearance:** White, turns clear as it dries.

## 2. Packaging

Herculox is supplied in drums, pails, and jugs. Standard packaging information is shown below:

<i>Unit Size</i>	<i>Shipping Wt.</i>
<i>1-gal. (3.8 liter) jug</i>	<i>9 lbs. (4.1 Kg)</i>
<i>5-gal. (18.9 liter)pail</i>	<i>47 lbs. (21.3 Kg)</i>
<i>55-gal. (208 liter)drum</i>	<i>520 lbs. (236 Kg)</i>

## 3. Estimating/Coverage

The coverage rate will vary from 100 to 300 sq. ft./per gal. (2.4 to 7.4 sq. m/liter), depending on surface texture.

## 4. Technical Data

a. **Applicable Standards:** Herculox meets the requirements of ASTM C 1059, Standard Specification for Latex Agents for Bonding Fresh to Hardened Concrete, Type I.

## 5. Directions for Use

a. **Preparation:** Clean surface thoroughly, removing all oil, grease, wax and other deleterious material.

b. **Application:** Apply Herculox directly from container with brush, spray or roller. New concrete or plaster can be applied any time after Herculox application. For mending and gluing, apply Herculox to both surfaces, press pieces together and clamp in position until joint dries.

c. **Working Time/Pot Life:** Herculox will remain ready for use providing it is not removed from container.

d. **Cure Time:** Herculox will become tacky in 1-2 hours depending on temperature and will dry tack free in 4 hours. Herculox is re-emulsifiable at any time after initial drying.

e. **Clean-Up:** Waterzall Concentrate and water may be used for cleaning tools and equipment.

## 6. Availability

Herculox is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

## 7. Warranty

Herculox is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

## 8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



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