

# WATER PROOF

Cold fluid applied waterproofing material



Water Proof is a premium commercial grade product that's been trusted and used by quality contractors on large scale restoration projects is now available in gallon pails for smaller projects and residential use. **IWS's Water Proof** is a safe, environmentally friendly, no-fume, water-based, industrial strength waterproofing material that can be applied with a brush or roller. This revolutionary formulation creates a rubber barrier that blocks out water intrusion. For use on concrete, wood, metal, rubber and most other construction materials. This paintable material is great for sealing and waterproofing - gutters, planter boxes, retaining walls, docks, floors and decks, foundations, roof seams, flat roofs, RV and trailer roofs, anywhere waterproofing is needed.

## FEATURES and BENEFITS

### Elongation & Recovery

Superior elongation of over 1000% elongation that delivers exceptional durability and performance over high movement areas and with a recovery of 80%

### True Waterproofing

Passes a 150psi hydrostatic head, .08 perms per ASTM E96 and demonstrates extremely low water absorption.

### Tenacious Adhesion

Adhesion of greater than 12lbf/in. (concrete) and 11lbf/in. (wood). Adheres to most any substrate.

### Self Repairing

This is a very unique benefit that most products don't have. **Water Proof's** membrane is self-sealing when punctured and has self-healing properties when cut.

### Environmentally Friendly

**Water Proof** is an environmentally friendly, water-based, VOC-free system that is entirely cold applied. **IWS's** products are LEED certified earning business and building owners LEED credits.

### Specifications

#### Water Proof:

Color: Brown, Black when cured  
Available in 1 and 5 gallon pails.

## TESTING DATA

TEST	TEST PROCEDURE	RESULTS
<i>Elongation at Break</i>	ASTM-D-3468	1,000%
<i>Recovery</i>	ASTM-D-412	80%
<i>Tensile Strength</i>	ASTM-D-412	Materials Did Not Fail
<i>Tensile</i>	ASTM-D-413	2000 lbs./ft2 Up-lift Force
<i>Peel Strength</i>	ASTM-903	Materials Did Not Peel
<i>Puncture Resistance</i>	ASTM-E-154	No Puncture
<i>Water Absorption</i>	ASTM-D-570	1.02%Max
<i>Water Vapor Permeance</i>	ASTM-E-96	.08 perms
<i>Resistance to Hydrostatic Head</i>	Calders Testers Hy-droStand 10-30k	150 PSI
<i>Soil Burial</i>	ASTM-D-4068	Passed
<i>Ash Content</i>	ASTM-D-2939	2.98%
<i>Drying Time</i>	ASTM-D-2939	Passed
<i>Extensibility after heat aging</i>	ASTM-C-8336	1/4 Inch Stretch with No Cracking
<i>Flash point</i>	ASTM-D-2939	>140°F
<i>High Temp Aging</i>	ASTM-E-240	>300% 48 days@ 76°F
<i>Hydrostatic Pressure</i>	ASTM-C-1306	16.67% over cracks
<i>Low Temp Elongation</i>	ASTM-D-412	>375%
<i>Uniformity</i>	ASTM-D-2939	Pass
<i>Wet Film Continuity</i>	ASTM-D-2939	Pass
<i>Freezing Resistance</i>	ASTM-D-2939	Pass
<i>Heat Resistance</i>	ASTM-D-2939	Pass
<i>Resistance To Volatilization</i>	ASTM-D-2939	0.84% Loss
<i>Resistance To Kerosene</i>	ASTM-D-2939	Pass
<i>Residue By Evaporation</i>	ASTM-D-2939	>60%
<i>Resistance To Water</i>	ASTM-D-2939	No signs of Re-emulsification
<i>Puncture Resistance</i>	ASTM-E-154	No Puncture @ Deflection Max machine stroke reached
<i>Impact Resistance</i>	ASTM-D-2939	Pass
<i>Impact Resistance after Accelerated Weathering</i>	ASTM-D-2939	Pass
<i>Salt Fog Exposure</i>	ASTM-B-117	No Deterioration or Failure
<i>Adhesion To Masonry</i>	ASTM-C-836	> 5 lbf/in
<i>Peel Strength Asphalt</i>	ASTM-D-903	>10 lbf/in
<i>Peel Strength Concrete</i>	ASTM-D-903	>12 lbf/in
<i>Peel Strength Foam</i>	ASTM-D-903	> 7.5 lbf/in Substrate failed
<i>Peel Strength Steel</i>	ASTM-D-903	> 11 lbf/in
<i>Peel Strength Wood</i>	ASTM-D-903	> 11 lbf/in
<i>Peel Strength</i>	ASTM-D-903	Did not Peel

Application Information on Page 2

616.551.2610 | [www.WaterproofingRedefined.com](http://www.WaterproofingRedefined.com)



# WATER PROOF

Cold fluid applied waterproofing material



**WATER PROOF** is a revolutionary product developed for roofing, waterproofing and corrosion protection industries. **WATER PROOF** is a fortified elastomeric emulsion that will move with expanding and contracting surfaces. **WATER PROOF** forms a tough elastic membrane which bridges shrinkage cracks, resists the attack of fungus, mold and bacteria, and maintains its superior properties when exposed to most chemicals.

## Application Process:

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local IWS representative or visit our website for current technical data and instructions.

## Surface Preparation

All surfaces should be free from any loose material, oils, greases or other foreign material. These should be removed prior to application.

Minimum application temperature **40°F (4°C)**

## Mixing

Mix thoroughly by hand or mechanically at slow speed.

## Application

Apply with a brush or roller over the entire surface to grade. Allow to cure for 24 hours. Minimum one-coat application. Close container after application to avoid skimming. Avoid application if rain is expected within 8 hours after applying.

**CLEANUP** - Tar Remover, Mineral Spirits, Citrus Cleaner.

**COVERAGE** - up to 50 sq. ft. per gallon depending on desired thickness and substrate.

**STORAGE** - Store in cool, dry area out of direct sunlight. **Do not store below 40°F (4°C) DO NOT ALLOW TO FREEZE**

Technical Services, specifications, training and warranty information is available by contacting a IWS Representative.

**WARNING - CONTAINS ASPHALT** - Can cause eye irritation. Wear safety glasses and wash hands or other contact areas thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advise/ attention. Check with current SDS at [WaterproofingRedefined.com](http://WaterproofingRedefined.com) for more precautionary information.

## TECHNICAL HOT-LINE

(616) 551-2610

### DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and IWS makes no claim that these tests or any other tests, accurately represent all environments.

**616.551.2610 | [www.WaterproofingRedefined.com](http://www.WaterproofingRedefined.com)**