

# WHITLAM WHITE HEAVY DUTY LOW VOC CEMENT HDW-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

Whitlam White Heavy Duty Low VOC PVC Cement

### TYPE

Whitlam White Heavy Duty Low VOC PVC Cement is a custom blend PVC Solvent Weld Cement that allows for an improved appearance in PVC Pipe assembly. The white color creates a blending effect for the pipe and fitting, making a cleaner finish for the installer's job.

### RECOMMENDED USES

Use on all schedules and classes of PVC pipe and fittings up to 12" (30.48 cm) with interference fit and 16" (40.64 cm) diameter non-pressure pipe. Recommended as a One-Step Solvent Weld Cement for Drain, Waste and Vent (DWV).

### COLOR/CONSISTENCY

White / Medium Bodied

### DRYING TIME\*

Partial set time rating:  
Medium - approximately 20 seconds.  
Complete cure time is 24 hours.

### U.S. FEDERAL SPECIFICATIONS

Meets ASTM D2564 and California South Coast Air Quality Management District (SCAQMD) 1168/316A or BAAQMD Method 40.

Carries the National Sanitation Foundation Seal for Potable Water and Drain, Waste and Vent (DWV) and Sewer Waste (SW) systems.



### ENVIRONMENTAL STATEMENT

**⚠ WARNING:** This product can expose you to chemicals including N-methylpyrrolidone, which is known to the State of California to cause developmental effects on an unborn child. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Maximum VOC emissions as applied and tested per SCAQMD Rule 1168, Test Method 316A: <510 g/l

### HDW-SPEC

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## APPLICATION PRECAUTIONS

**WARNING:**  
**EXTREMELY FLAMMABLE.**  
**DO NOT USE NEAR HEAT, SPARKS**  
**OR OPEN FLAME.**  
**STORE IN COOL, WELL VENTILATED**  
**AREA.**

**CONTAINS TETRAHYDROFURAN, CYCLOHEXANONE, METHYL ETHYL KETONE AND ACETONE. MAY BE ABSORBED THROUGH THE SKIN. HARMFUL OR FATAL IF SWALLOWED.**

**USE WITH ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPORS. AVOID CONTACT WITH EYES OR SKIN. KEEP CONTAINER TIGHTLY CAPPED WHEN NOT IN USE.**

**KEEP OUT OF REACH OF CHILDREN.**

**SEE SAFETY DATA SHEET (SDS) FOR COMPLETE PRECAUTIONS FOR SAFE HANDLING AND USE.**

### TEMPERATURE RANGE USE

10°F (-12°C) to 120°F (49°C)

### PRESSURE RANGE USE

**Liquids:**  
Up to 300 PSI (21 kg/cm<sup>2</sup>)

### PACKAGING

**U.S. Measure:**

<u>Stock Code</u>	<u>Size</u>
HDW/32	1 quart (.95 L)
<b>1 Gallon Can w/ Handle</b>	
HDW1	1 gal. (3.785 L)

### WEIGHT PER U.S. GALLON

7.7 lbs. (3.5 kg) ± 0.2

### SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
HDW/32	28 lbs. (12.7 kg)	12
HDW1	56 lbs. (25.4 kg)	6

## DIRECTIONS FOR USE

1. Cut the pipe square, remove all burrs and chamfer pipe ends.
2. Check fitting of pipe. If too loose or too tight, pipe should not be used. Ideal fit between pipe and fitting before cementing allows pipe to enter to full depth of socket easily.
3. Remove all dust, moisture, grease, oil and any other foreign material from pipe and fitting. Clean pipe and fitting with **Whitlam Low VOC Purple Primer**. While surface is still damp with primer, apply cement as follows.
4. Apply enough cement uniformly to pipe and fitting to form a bead of cement at outside end of pipe. Prevent excess cement from forming on bare inside walls of pipe.
5. Brush cement generously on the outside of the pipe to the depth of the fitting. Do not thin cement with primers or cleaners.
6. Immediately after cement is applied, insert pipe to the bottom of the socket, using a quarter twisting motion, and hold in place 30 seconds until cement sets. Assemble parts quickly. If cement is not fluid, re-coat both parts and repeat procedure.
7. Remove excessive cement with a dry cloth only.
8. Allow about 30 minutes for good handling strength. Allow 4 hours for high strength. For best quality joints, remove water or moisture from pipe and fitting and allow 2-24 hours cure time. Cure time before testing depends on size, fit, temperature and pressures. Refer to ASTM Spec. D2855, for recommended set and cure time.
9. Keep container closed at all times when not using to avoid moisture absorption and vapor losses. Keep cement from freezing.
10. Follow all recommended procedures for joining PVC pipe and fittings as stated in ASTM Spec. 2855.



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