

TALON™ ALL PURPOSE MEDIUM BODIED HEAVY DUTY LOW VOC PVC CEMENT AP-SPEC

PRODUCT DESCRIPTION

PRODUCT

TALON™ All Purpose Medium Bodied Heavy Duty Low VOC PVC Cement

TYPE

TALON™ All Purpose Medium Bodied Heavy Duty Low VOC PVC Cement is an extra strong medium bodied plastic weld cement of smooth consistency, formulated to work with ABS, PVC and CPVC solvent weld plastic pipe and fittings. It also will solvent weld ABS to PVC, PVC to CPVC or CPVC to ABS, provided tolerances of pipe and fittings match. Should be used in conjunction with Whitlam Low VOC Clear Cleaner or Whitlam Low VOC Purple Primer.

RECOMMENDED USES

TALON™ All Purpose Medium Bodied, Heavy Duty Low VOC PVC Cement is specially formulated to solvent weld through 6" (15.24 cm) diameter Sch. 40 and Sch. 80 ABS, PVC and Sch. 40 CPVC pipe.

COLOR/CONSISTENCY

Amber Medium Bodied

TEMPERATURE RANGE USE

40°F (5°C) to 100°F (38°C)

PRESSURE RANGE USE

Liquids:

Up to 600 PSI (42 kg/cm²) on ABS*

Up to 350 PSI (25 kg/cm²) on PVC*

Up to 275 PSI (19 kg/cm²) on CPVC*

DRYING TIME**

Partial set time rating:

Fast - approximately 45 seconds.

Complete cure time is 24 hours.

AP-SPEC

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This product is manufactured in the U.S.A.

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* LIQUID PRESSURE RANGE: For a 2" (5.08 cm) diameter solvent welded pipe and fitting tested under liquid pressure at 73°(23°C). Sizes vary in accordance with pipe manufacturer's specifications for pressure ratings of pipe. ** NOTE: Both set time and cure time are affected by humidity and temperature and may vary greatly ±.

APPLICATION PRECAUTIONS

WARNING:

EXTREMELY FLAMMABLE.

**DO NOT USE NEAR HEAT,
SPARKS OR OPEN FLAME.**

**STORE IN COOL, WELL
VENTILATED AREA.**

CONTAINS TETRAHYDROFURAN AND METHYL ETHYL KETONE. 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.

PACKAGING

U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
Dauber Top Can	
AP4	¼ pint (118 ml)
AP8	½ pint (237 ml)
AP16	1 pint (473 ml)
AP32	1 quart (.95 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>
AP4	10 lbs. (4.5 kg)	24
AP8	16 lbs. (7.3 kg)	24
AP16	15 lbs. (6.8 kg)	12
AP32	28 lbs. (12.7 kg)	12

DIRECTIONS FOR USE

1. Cut the pipe square and remove all burrs.

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 TALON CLEAR CLEANER. 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 the procedure.

7. Remove excessive cement with 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, D2235, and/or F493 where applicable 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. D2855, D2235, and/or F493 where applicable.

 **WHITLAM**
The Industry Standard for Over 100 Years

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