

PlumBest[®] SPRAY WELD



NSF/ANSI-61
Certified by IAPMO to
meet ASTM-D-2564
and ANSI/NSF-61



Low VOC for reduced
solvent emissions

PRODUCT COMPARISON SHEET

PlumBest[®] Spray Weld is a Cleaner, Primer & Cement all-in-one!

- **No Mess – No Waste**
- **Spray Any Angle**
- **Goes twice as far as brush and can method**
- **Work in a wider range of temperatures**

PlumBest[®] Spray Weld meets the following:

- ASTM D 2564 (PVC)
- ASTM D 3138-95* (ABS-PVC Transition)
- ASTM F656 (Primer)
- ASTM D2235* (ABS)
- Complies with ANSI/NSF
- IAPMO Lab Tested & Listed
- Low VOC per SCAQMD1168/316A

* performance requirement



PlumBest[®] Spray Weld

replaces **ALL** of
these competitive products:

- PVC Cement Regular Clear
- PVC Medium
- PVC DWV Medium Clear
- Heavy Duty Fast Set
- Heavy Duty Regular
- Heavy Duty Clear
- Primer Purple
- Primer/Cleaner Purple
- Cleaner Clear
- ABS Cement
- Transition Cement
- PVC Flexible Clear
- Pool and Spa Formula
- All Weather Clear
- Rain-n-Shine
- Medium 1 step
- Low VOC Formula Regular
- Low VOC Heavy Duty
- Low VOC All Weather

**Save TIME, Save MONEY
& work more efficiently!**

USAGE COMPARISON

SPRAY WELD vs. Traditional Brush-On Primer & Cement

Pipe Size	Joints per 11oz. Can of SPRAY WELD	Joints per Quart Can of traditional cement	Average EXTRA Joints with SPRAY WELD	% MORE Joints with SPRAY WELD
1/2"	434	300	134	44.67%
3/4"	327	200	127	63.50%
1"	239	125	114	91.20%
1-1/2"	187	90	97	107.78%
2"	141	60	81	135.00%
3"	94	40	54	135.00%
4"	71	30	41	136.67%
6"	24	10	14	140.00%
8"	12	5	7	140.00%
10"	7	3	4	133.33%
12"	4	2	2	200.00%



PlumBest[®] SPRAY WELD

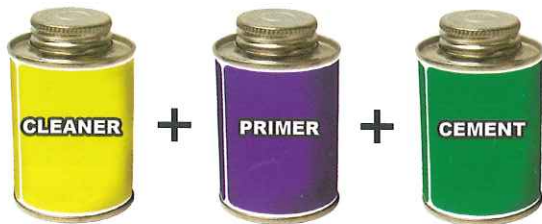


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HOW IT WORKS compared to the Traditional Method



VS.



3 Step TRADITIONAL METHOD

With old wipe on cement: Traditionally when joining PVC fittings with pipe the installer wipes on a cleaner then wipes on a primer then cement.

1. The cleaner removes impurities from the surface so that the primer can chemically "etch" the surface and soften it enough to accept the resin delivered by the cement.
2. Next the primer is applied leaving the surface of the PVC soft and able to bond with the resin which is applied last.
3. The resin is then wiped on and begins bonding to the surfaces prepared by cleaner and primer.

1 Step SPRAY WELD METHOD

With **PlumBest[®] Spray Weld:**

1. Shake the can well, apply Spray Weld to both the fitting and the pipe and insert.

The Job Is Done!

Q How can a three step process be done in one step?

A The answer is that it cannot.

Spray Weld does not change the laws of physics it simply applies modern advances in chemical technologies to simplify the same process.

Spray Weld does all three steps in order but does so chemically where traditional cements do it mechanically.

When Spray Weld is applied; a cleaner, a primer and cement are delivered "in solution" these components are all mixed together and are forced to remain in solution while under pressure in the can. Once sprayed out the mixture is exposed to air and evaporation begins. The cleaners evaporate faster than the primer and cement so these remove impurities first and lift them off the surface "floating" them. The primer, having a heavier molecular weight, is attracted to the surface while evaporation holds the resins in solution giving the primer sufficient "exposure-time" in order to soften the surface to be welded. Once the cleaners have evaporated and the solvents in the primer begin to evaporate the resins then begin to settle onto the surface and bond to the "prepped" PVC surfaces. When the two halves are joined together the remaining air is forced off and what is left is a pure PVC weld that is stronger and more pressure resistant than the pipe wall itself.

Commercial Grade Heavy Bodied Cement, SPRAY WELD, One-step Primer/Cleaner and Cement for PVC Pipe - Sch 20, 30, 40 and 80 up to 6 inches, Patent No. 6652704/7008985

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