

## W1 MEDIUM BODIED TRANSITION CEMENT

**PRODUCT CODE:**

10W1      W1 Medium Bodied Transition Cement

**PHYSICAL PROPERTIES:**

Flash Point:            - 17°C  
Weight Solids:        14.5 - 17%  
Density:                0.910 – 0.930 g/ml  
Lap Shear:             600 psi (4.1 MPa) at 72 hrs  
                                 per ASTM D 3138  
Appearance:         White liquid  
Shelf Life:             36 months unopened

**PRODUCT DESCRIPTION AND USES:**

The Schwartz W1 Transition Cement is used for bonding ABS-PVC Transition joints for non-pressure components.

**CERTIFICATION:**



Certified for Non-Pressure Applications

LEED – Helps contribute to LEED Credit

**APPLICATION DATA:**

Suggested Uses:      For ABS to PVC for transition joints for non-pressure applications.

Application Tools:    Dauber or brush

Pot Life:                NA

Clean-up Solvent:    VC100

**DIRECTIONS FOR USE:**

**Cementing Procedure:**

1. Cut pipe square
2. Clean and bevel pipe
3. Dry fit
4. Use **Schwartz VC100 Primer Cleaner** to ensure that the surfaces to be bonded are clean and dry. Wipe surfaces with a clean, dry rag, removing all traces of dirt, grime and moisture.
5. Apply a wet even coat of **Schwartz Transition Cement** on full bond area of the fitting.
6. Apply a wet even coat of **Schwartz Transition Cement** on full bond area of the pipe.
7. Immediately insert the pipe into the fitting and give a quarter turn.
8. Hold pipe for 30 seconds to prevent pull back.
9. Carefully wipe off excess without disturbing joint.
10. Allow joints to set at least 30 minutes before moving or shifting joints.

**Refer to Schwartz Technical Bulletin – Solvent Welding Plastic Pipe and Fittings for detailed information**

**Storage:** Store indoor at room temperature, away from heat, ignition sources, open flames and direct sunlight.

**Warning:** Avoid open flames, turn off all pilot lights, ensure that work area is properly ventilated. Soiled rags and waste products may contain combustible liquids or vapours and **SPONTANEOUSLY COMBUST**, dispose in accordance with local regulations.

Refer to MSDS for information on safe use of this product.

**Set Times:**

Handle newly assembled joints carefully until cement has gone through its set period. Recommended set time is temperature dependent.

- Minimum 30 minutes at 15°C to 38°C
- Minimum 1 hour at 7°C to 15°C
- Minimum 2 hours at 0°C to 4°C

**Cure Times:**

	Test Pressures For Pipe Sizes 1/2" to 1 1/4"		Test Pressures For Pipe Sizes 1 1/2" to 3"		Test pressures For Pipe Sizes 3 1/2" to 8"	
	Up to 180 psi	Above 180 to 370 psi	Up To 180 psi	Above 180 To 315 psi	Up To 180 psi	Above180 To 315 psi
<b>Temperature Range During Cure Period</b>						
15°C-38°C	1 Hr.	6 Hr.	2 Hr.	12 Hr.	8 Hr.	24 Hr.
4°C-15°C	2 Hr.	12 Hr.	4 Hr.	24 Hr.	16 Hr.	48 Hr.

**LIMITATIONS and WARRANTY**

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job- conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose. Schwartz makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

Schwartz liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which Schwartz product has been applied. Schwartz reserves the right to have the true cause of any difficulty determined by accepted test methods. Schwartz shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.