

C5 MEDIUM BODIED CLEAR PVC SOLVENT CEMENT

PRODUCT CODE:

10C5 C5 Medium Bodied Clear PVC Cement

PHYSICAL PROPERTIES:

Flash Point: - 17°C
Weight Solids: 14 - 16%
Density: 0.910 – 0.930 g/ml
Hydrostatic Burst Strength: 400 psi (2.8 MPa) at 2 hrs per ASTM D 2564
Appearance: Clear liquid
Shelf Life: 36 months unopened

PRODUCT DESCRIPTION AND USES:

The Schwartz C5 Clear PVC Cement is used for bonding PVC to PVC pipes for both Non-Pressure and Pressure applications.

CERTIFICATION:



Certified for PVC Pressure and Non-Pressure Applications (under-ground cable ducting)



Certified to NSF/ANSI 61

LEED- Helps contribute to LEED Credit

APPLICATION DATA:

Suggested Uses: For PVC to PVC for both non-pressure and pressure applications for pipes and fittings
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 VC180 Purple Primer** for all pressure applications.
5. Apply a wet even coat of **Schwartz PVC Cement** on full bond area of the fitting.
6. Apply a wet even coat of **Schwartz PVC 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
Temperature Range During Cure Period						
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.