Code	Description	Size	Colour
172515	Pureseal PVC Cement TYPE P	250 ml	Clear
172159	Pureseal PVC Cement TYPE P	500 ml	Clear
172516	Pureseal PVC Cement TYPE P	1 Litre	Clear
175737	Pureseal PVC Cement TYPE P	5 Litre	Clear

1. Description

Pureseal PVC Pipe Cement Type P is a high-quality, low-VOC, heavy-bodied, high-strength solvent cement for jointing PVC pipes and fittings in all pressure applications.

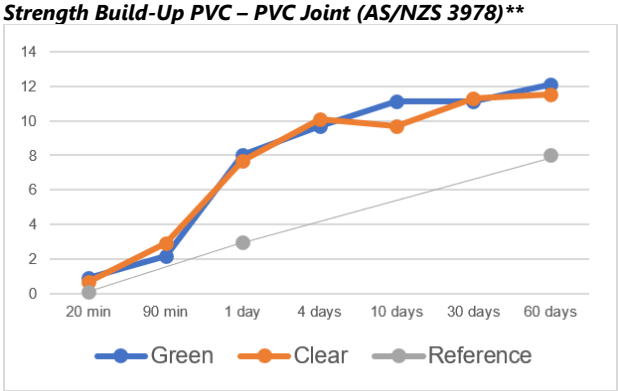
2. Characteristics

- Ready to Use and no mixing required
- Medium setting
- Good spreadability
- Easy to apply
- Fast strength build up after 24 hours
- WaterMark Certified: WM-032290
- Approved to Australia/New Zealand standards for contact with drinking water to AS/NZS 4020
- Conforms to Australia/New Zealand standard performance requirements to AS/NZS 3879
- Conforms to AS2216 – Packaging for poisonous substances
- Colour-coded lid for product identification

3. Technical Data

Basis	Hydrocarbon Liquids
Consistency	Heavy Bodied
Density	Ca. 0.963 g/ml
Viscosity (Brookfield)*	1200 cps @ 23°C
Application Temperature	5°C to +35°C

Strength Build-Up PVC – PVC Joint (AS/NZS 3978)**



Time	Clear	
	Shear Strength (MPa)	Shear Strength (psi)
20 min	0.7	102
90min	2.9	421
1 Day	7.7	1117
4 Days	10.7	1465
10 Days	9.7	1407
30 Days	11.3	1639
60 Days	11.5	1668

** This value may vary depending on environmental factors such as temperature, moisture & type of substrate.*
*** This information relates to fully cured product.*

4. Applications

- Jointing PVC pipes and fittings for pressure application in the installation of plumbing fixtures for residential, agricultural, and irrigation.
- Jointing PVC pipes and fittings for electrical applications such as conduits

5. Shelf Life

36 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.
Keep out of direct sunlight and away from sources of heat.

6. Application Instructions

Substrates: Pressure & Non-pressure PVC pipes and fittings
Nature: Rigid, clean, dry, free of dust and grease.
Surface Preparation: Pureseal PVC Priming Fluid must be used before Pureseal PVC Pipe Cement Type P is applied.

Application Method
Applicator: Applicator brush attached to the supplied cap on the bottle
Note: Jointed pipes and fittings can only be removed mechanically.

The jointing procedure must comply with AS/NZS 2032 requirements and is intended for skilled individuals to carry out the work.

Preparation:

1. Check pipe type.
2. Cut pipe square and deburr both inside & outside of pipe.
3. Check the dry fit of pipe and fittings & correct interference fit. The pipe should easily go 1/3 of the way into the fitting.
4. Avoid mixing with other solvents/additives to the priming fluid
5. With fitting fully engaged, mark with a pencil, not score, the pipe. Pureseal PVC Priming Fluid should be applied evenly, to both mating surfaces, slightly beyond the marked witness line.
6. Use PVC Pipe Cement **Type P for Pressure joints**. Use PVC Pipe Cement **Type N for Non-pressure joints**.

Application:

1. Shake the PVC Pipe Cement TYPE P before use
2. Apply an even coat of the pipe cement to the inside of the fitting then coat the external area of the pipe. Ensure 100% of the joint areas are covered evenly with cement.
3. While the cement is still wet, immediately insert the pipe into the fitting ensuring to meet the witness mark. If the cement has dried do not continue and recoat both the pipe and fitting. A dry joint will lead to failure.
4. Hold the assembled joint firmly together for at least 30 seconds minute to prevent the pipe from moving or kicking 'pushing' out during the initial curing process.
5. Without disturbing the joint carefully wipe any excess cement from the joint and allow the assembly to sit undisturbed for 5 minutes to achieve good handling strength.
6. Allow 24 hours before pressure testing

8. Remarks & Limitations

- Always tightly close the packaging with the appropriate lid to avoid solvent evaporation.
- PVC Pipe cement must never be used in PVC or CPVC piping systems using or being tested by compressed air or gases; including air-over-water booster. Please do not use it in conjunction with flue gas ventilation systems.
- It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer.
- Use with caution. Spillage can result in damage to surfaces.
- Temperature can affect the setting time of Primer and PVC Pipe Cements. At lower temperatures, the setting time is longer, while at higher temperatures, it is quicker. Temperatures greater than 30ºC will result in rapid evaporation of the solvent before the solvents can penetrate the pipe surfaces. This may lead to an un satisfactory bond with a dry joint resulting in a failed bond. Always re-coat the pipe and fitting if the adhesive dries during application.
- For larger-size pipes, requires a larger application brush, contact the Technical Service Department for recommendations.
- No additives of any kind shall be mixed with these solvent cement and priming fluids.

VOC content information

- "[Pipe cements are not relevant to the VOC credit as they have little influence on indoor air quality. Plumbing pipes are usually installed sometime before building occupation and any residual of solvent will be negligible by the time the building is sealed and occupied.
- In addition, plumbing pipes are not a major component of an individual fit-out or building, plumbing cements are minor in quantity in the indoor fit-out when compared to adhesives used in countless other indoor applications.]"
- Refer to Green Building Council Australia (GBCA) website for further details https://www.gbca.au/.

8. Certificates & Standards

- WaterMark certified: WM-032290
- Meets the requirement for AS/NZS 3879
- Meets the requirement for AS/NZS 4020
- Meets the requirement for AS2216 – Packaging for poisonous substances

9. Health and Safety Recommendation

- Apply the usual industrial hygiene.
- Please refer to SDS for more detailed information at www.soudal.co.nz

Remark

The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. ***If any clarification is required, please contact Soudal Technical Services or email info@soudal.co.nz.***

Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	134 Kohia Drive	Phone: (07) 847 5540
	Horotiu	
	Hamilton 3288	Email: info@soudal.co.nz
	New Zealand	Website: www.soudal.co.nz