

8 April 2025

PURESEAL PVC PIPE CEMENT **TYPE N**

Technical Data

Basis	Hydrocarbon liquids			
Consistency	Medium bodied			
Density	Ca. 0.960 g/mL			
Viscosity (Brookfield)*	400 cps @ 23 °C			
Application temperature	5 °C → 35 °C			
Strength buildup (AS/NZS 3978)**	Time	Blue		Clear
		Shear Strength (MPa)	Shear Strength (psi)	Shear Strength (MPa)
				Shear Strength (psi)
	20 min	1.0	145	0.8
	1 day	7.5	1087	8.6
	30 days	10.9	1581	11.9
	60 days	11.2	1624	13.1
				1900

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to the fully cured product

Product Description

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

Properties

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

Applications

- Jointing PVC pipes and fittings for non-pressure applications in installing plumbing fixtures for residential, commercial, agricultural, and irrigation use.
- Jointing PVC pipes and fittings for electrical applications such as conduits
- Jointing PVC to ABS pipes and fittings in non-pressure applications

Shelf life

36 months in original, unopened packaging in a cool, dry storage place with temperatures between +5°C and +25°C.

Packaging

Packaging	Blue	Code	Clear	Code
125 mL	☒	172149	☐	
250 mL	☒	172150	☒	172146
500 mL	☒	172151	☒	172147
1 L	☒	172153	☐	
4 L	☒	172154	☒	172148

Substrates

Substrates: 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 applying Pureseal PVC Pipe Cement Type N.

Application method

Application method: applicator brush attached to the supplied lid

Jointed pipes and fittings can only be removed mechanically.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case, it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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

1. Check pipe type.
2. Cut pipe square and deburr
3. Check the dry fit of pipe and fittings. The pipe should easily go 1/3 of the way into the fitting.
4. Avoid mixing with other solvents/additives to the priming fluid or Pipe Cement
5. Apply the Priming Fluid thoroughly to the inside of the fitting and the outer surface of the pipe.
6. Shake the PVC Pipe Cement Type N bottle before use
7. Apply an even coat of the PVC Pipe Cement Type N to the outside surface of the pipe at a depth equal to that of the fitting/socket.
8. Apply an even coat of the PVC Pipe Cement Type N to the inside surface of the fitting/socket and then apply a second full coat to the outside surface of the pipe.
9. Join the pipe and the fitting together immediately.
10. Hold the assembly for 30 seconds to avoid pipe pushout.
11. Remove excess PVC cement and allow 5 minutes for the assembly to set to achieve good handling strength.

Health- and Safety Recommendations

Take the usual labour hygiene into account. For more information, consult the label and material safety data sheet. Use only in well-ventilated areas.

Remarks

- 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 being tested by compressed air or gases, including air-over-water boosters. 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. The setting time is longer at lower temperatures, while at higher temperatures, it is quicker.
- For larger-size pipes, contact the Technical Service Department for recommendations.
- No additives shall be mixed with these solvent cement and priming fluids.

Standards and certificates

- 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

VOC content information

"[Pipe cements are irrelevant 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 solvent will be negligible when the building is sealed and occupied.

In addition, plumbing pipes are not a significant component of an individual fit-out or building, and plumbing cement is minor in quantity in the indoor fit-out when compared to adhesives used in countless other indoor applications.]"

For further details, refer to the Green Building Council Australia (GBCA) website: <https://www.gbca.au/>.

Liability

The content of this technical data sheet is the result of tests, monitoring, and experience. It is general in nature and does not constitute any liability. It is the user's responsibility to determine by his own tests whether the product is suitable for the application.

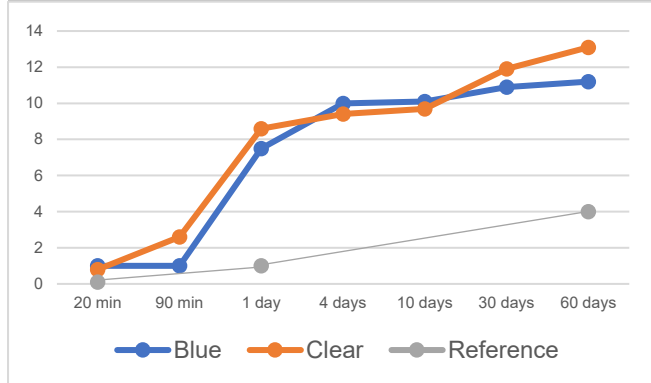
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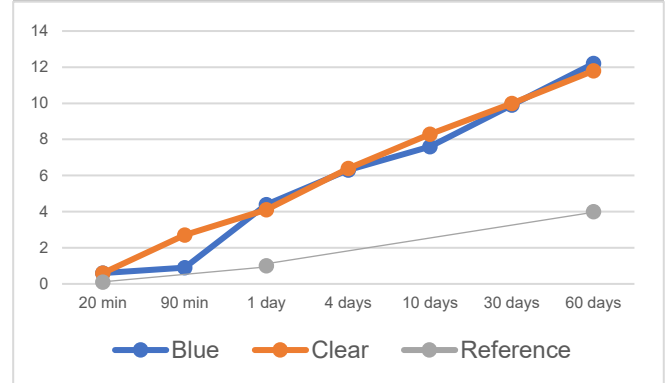
Strength buildup: PVC – PVC Joint based on AS/NZS 3879

PVC – PVC				
Time	Blue		Clear	
	Shear Strength (MPa)	Shear Strength (psi)	Shear Strength (MPa)	Shear Strength (psi)
20 min	1.0	145	0.8	116
90 min	1.0	145	2.6	377
1 day	7.5	1088	8.6	1247
4 days	10.0	1450	9.4	1363
10 days	10.1	1465	9.7	1407
30 days	10.9	1581	11.9	1726
60 days	11.2	1624	13.1	1900



Strength buildup: PVC – ABS Joint based on AS/NZS 3879

PVC – ABS				
Time	Blue		Clear	
	Shear Strength (MPa)	Shear Strength (psi)	Shear Strength (MPa)	Shear Strength (psi)
20 min	0.6	87	0.6	87
90 min	0.9	131	2.7	392
1 day	4.4	638	4.1	595
4 days	6.3	914	6.4	928
10 days	7.6	1102	8.3	1204
30 days	9.9	1436	10	1450
60 days	12.2	1769	11.8	1711



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