

PVC PIPE CEMENT TYPE N

Revision: 11/05/2018

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Technical data

Basis	Hydrocarbon liquids (700g/L)
Consistency	Viscous liquid
Specific gravity	0.88 – 0.90
Viscosity @ 20°C	500-700 CPS
Drying time	20 mins (0.1MPa / 100 kPa / 14.5 psi)
	1 day (1MPa / 1000 kPa / 145 psi)
	60 days (4MPa / 4000 kPa / 580 psi)

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



Product description

PVC Pipe Cement Type N is formulated as a high bond strength, quick setting, PVC pipe cement in all non-pressure applications for bonding PVC pipe and fittings. Available in blue and clear. WaterMark certified and tested to AS/NZS 3879. Also suitable for potable drinking water applications AS/NZS 4020.

Properties

- Very easy to apply
 - Meets performance requirements for Australian Standard AS/NZS 3879.
 - Approved for contact with drinking water, meets Australian Standard AS/NZS 4020.
 - Watermark certified and independently tested.
 - Supplied in transparent bottles for easy identification.
- No mixing required and ready to use

Applications

PVC Pipe Cement Type N is ideal for non-pressure applications including the installation of plumbing, electrical, sewerage, drainage and storm water applications.

Packaging

Colour: clear and blue

Packaging: 125ml, 250ml, 500ml, 1L, 4L

Shelf life

24 months in unopened packaging in a cool and dry storage place at temperatures between +5°C & +25°C.

Application method

NOTE: Pipe Jointing is a trade skill and should be executed only by qualified persons. For complete jointing instructions refer to AS2032.

TYPE 'N' solvent cements only to be used in **NON-PRESSURE** joints. **TYPE 'P'** solvent cements only to be used in **PRESSURE** joints.

Preparation

1. Priming fluids shall be used to prepare the jointing surface prior to solvent cement application.
2. Ensure pipe is cut square and remove burrs.
3. To ensure correct assembly of joint, mark pipe at a distance equal to full socket depth.
4. Test joint for dry fit.
5. Ensure the pipes and fittings are clean and dry by removing any moisture or dirt with a clean rag prior to applying primer or pipe cements.
6. Clean pipe and inside of socket using a clean cloth freshly moistened with Soudal Priming Fluid. This is essential to ensure a satisfactory bond.

Making the joint

1. Apply Soudal TYPE N in full even coats to both surfaces. Firstly, to the inside of socket, then to external surface of pipe end.
2. Immediately assemble, pushing the pipe home to the full depth of the socket.
3. Hold bonded joint in position for at least 30 seconds.
4. Do not disturb for 5 minutes.
5. Allow 24 hours curing before testing
6. For pipe with a diameter over 100mm, we recommend to either apply one coat and assemble immediately or apply a second coat of PVC cement. For a slowest setting product, contact us.

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 beyond our control, no liability under this publication are 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 open time of the Pipe Cement will vary depending on the temperature and the thickness of the adhesive. At 1mm thick, the below open time will be achieved at the following temperatures,

4 mins for 20°C

3 mins for 25°C

1 min for 30°C

1 min for 40°C

Less than 1 min for +40°C

Avoid moving the pipes for the initial 5 minutes after joining. For temperatures below 10°C extend to 15 minutes. For underground pipe systems leave for 10-12 hours before covering.

Pipe systems that are not required for use straight away, these should be flushed with water prior and where possible to allow water to stand.

First aid

If poisoning occurs contact a doctor or Poisons Information Centre, phone 131 126 or a doctor immediately. If swallowed do not induce vomiting. Give a glass of water.

VOC Information

The Green Building Council of Australia have advised that "Pipe cements have no relevance with the VOC credit's as they a minor impact on indoor air quality.

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 responsibility of the user to determine his own tests whether the product is suitable for the application.

Remarks & cautions

- When not in use, always ensure the lid is tightly screwed on as the solvents will evaporate and effect the performance.
- Only use when the consistency is "syrup like". Do not use if lumpy or thicker consistency like thicker like jelly.
- Do not dilute or mix with any other product.
- Longer drying times are required in cooler temperatures. Do not attempt to speed up the process by applying heat to the area, this can affect the product performance.
- Do not use for pressure pipe systems, use Type P Pipe Cement.
- Not suitable for bonding polyethylene or plasticized PVC articles.
- On hot / windy conditions where the Pipe Cement has prematurely dried, apply a second coat.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Not to be taken, for more information, see Material Safety Data Sheet. Avoid breathing the vapours and contact with skin. Highly flammable and keep away from flames.

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