

Type N PVC Pipe Cement Blue

Specially formulated resin-based adhesive

Product Description

Plumbtec Pro Type N PVC Pipe Cement Blue is a specially formulated solvent cement for bonding Non-Pressure PVC-U pipe, fittings & sheet. It is fast setting and recommended for use on non-pressure PVC pipe and fittings. Where there is a clearance fit (a gap between the pipe and fitting) or parallel socket Type G Gap filling solvent cement should be used.

Features & Benefits

- Manufactured to highest quality standards and Quality assurance
- Comes with a 10 Year manufacturer's warranty
- Conforms to AS/NZS 3879 – Solvent cements and priming fluids
- AS/NZS 4020 approved for potable water storage
- Watermark and ISO 9001 accredited
- All packaging is dangerous goods approved for safe transportation and storage
- Tightly engineered caps to minimize risk of leaks
- Available in a range of sizes
- All containers are supplied with a natural bristle brush applicator cap to ensure easy application.
- Proven product performance over several decades and millions of applications around Australia and overseas

VOC LEVELS

The Green Building Council of Australia has advised that; "Pipe cements" are not relevant to the VOC credit as they have little influence on indoor air quality. Plumbing types are usually installed some time prior to building occupation and any residual 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 use of other adhesives used in countless other indoor applications" (GBCA Technical Clarification Statement PVC Pipe Cements IEQ13, Clarification No. 43 October 2009) Refer to GBCA website for more information. www.gbca.org.au

DIRECTIONS FOR USE

- PVC Pipe Cement Jointing is a trade skill and should only be executed by appropriately qualified trades people - Refer to AS/NZS 2032 for complete PVC pipe jointing instructions

PREPARING THE CUT

- 1) Ensure pipe is cut square and remove burrs
- 2) To ensure correct assembly of joint, mark pipe at distance equal to full socket depth
- 3) Test joint for dry fit
- 4) Clean pipe and inside of socket using a clean cloth freshly moistened with Plumbtec Pro's Red or Clear Prime Priming Fluid. Note this step is essential to ensure a satisfactory bond

MAKING THE JOINT

- Shake or thoroughly stir Plumbtec Pro's Blue Glue Type N before using
- Apply Plumbtec Pro's Blue Glue Type N in full even coats to both surfaces, first to the inside of the socket, followed by the external surface of pipe end.
- Immediately assemble, pushing pipe home to the full depth of the socket
- Hold bonded joint in position for at least 30 seconds
- Do not disturb for 5 minutes
- Allow 24 hours curing before testing

JOINTING

- The open time of Plumbtec Pro's Clear Glue Type N, which is the time from the beginning of adhesive application until the joining of the parts, is dependent on the temperature and on the thickness of the adhesive layer.
- Based on an adhesive layer of 1 mm, the parts should be joined within the following times at the temperature given.

Temperature	Open Time
20 °C	4 min
25 °C	3 min
30 °C	2 min
40 °C	1 min
> 40 °C	< 1 min

JOINTING continued

- For the first 5 minutes after cementing, avoid moving the pipes. At temperatures of less than 10°C, this should be extended to 15 minutes
- If in the ground, cemented jointed pipes may be covered after approximately 10-12 hours
- Before using pipes in normal operation, thoroughly flush them through with water to remove any solvent vapour
- Where pipes are not required for immediate service, it is advisable to flush through thoroughly and possibly allow to stand filled with water

PRECAUTIONS

- Keep the lid tightly on the bottle when not in use.
- Evaporation of the solvents will affect the quality and performance of the product.
- Plumbtec Pro's Blue Glue Type N should have a "syrup like" consistency. DO NOT USE if product is lumpy or resembles a "jelly like" consistency
- No additive of any kind (including Red/Clear Priming Fluid) is to be mixed with Plumbtec Pro's Blue Glue Type N
- Do not attempt to artificially speed up drying process of Plumbtec Pro's Glue Cements by using air dryers/heat guns or similar as this could affect the integrity of the joint
- Avoid spilling Plumbtec Pro's Red Prime Priming Fluid as dyes will permanently stain.

LIMITATIONS

- Plumbtec Pro's Blue Glue Type N is to be used for Non-Pressure applications only. For Pressure Applications use Plumbtec Pro's Green or Clear Type P solvent cements
- Temperatures above 30°C and/or windy conditions can result in premature drying of Plumbtec Pro's Blue Glue
- Type N and prevent a satisfactory bond. In such circumstances either apply a second coat or use a Slow Setting Pipe Cement.
- Not suitable for bonding polyethylene or plasticised PVC articles

PACKAGING

Available in the following sizes and codes
A5751 Plumbtec Pro BLUE GLUE TYPE N 250ML
A5752 Plumbtec Pro BLUE GLUE TYPE N 500ML
A5753 Plumbtec Pro BLUE GLUE TYPE N 1LT
A5754 Plumbtec Pro BLUE GLUE TYPE N 4LT

STORAGE/SHELF LIFE

- Store in a cool, dry well ventilated place out of direct sunlight
- Shelf life is 2 years from date of manufacture when stored in accordance with manufacturers recommendations

HEALTH & SAFETY

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related Data

Product Information

Form	Viscous liquid
Colour	Blue
Specific Gravity @ 20 °C	0.88 – 0.90
Viscosity @ 20 °C cPs	500 - 700
Contents	Contains > 700g/L Hydrocarbon liquid

Performance: AS/NZS 3879 Shear stress test requirements for Type N

Drying Time	Joint Strength To Exceed	
20 minutes	0.1 MPa	100kPa or 14.5 psi
1 day	1 MPa	1000 kPa or 145 psi
60 days	4 MPa	4000 kPa or 580 psi

Table 1 – Recommended size of brush

DIAMETER SIZE OF PIPE (mm)	RECOMMENDED SIZE OF BRUSH
15-50	Use brush supplied
65-80	Use brush supplied
100-125	38
150	50
200	63
225-250	75
300-375	100

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Disclaimer

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