

T-88® EN/DE

QUICK, LIQUID, THF-FREE RIGID PVC CEMENT



PRODUCT DESCRIPTION

Quick, liquid, THF-free rigid PVC cement.

FIELD OF APPLICATION

For joining pipes, sleeves and fittings with press fit in pressurised and drain systems. Suitable for diameters ≤ 160 mm (pressure ≤ 90 mm). Max. 16 bar (PN 16). Maximum tolerance 0.3 mm diametrical clearance / 0.2 mm press fit. Suitable for pipe systems conforming to EN1329, 1452, 1453 and 1455.

PROPERTIES

- With special brush
- With quick release cap
- THF-free
- Quick
- Liquid

QUALITY LABELS/STANDARDS

ACS: Conforme aux listes positives de l'Attestation de Conformité Sanitaire (ACS). Certificat IPL 15 CLP NY 006.

CE: Adhesive for non-pressure thermoplastic piping systems in installations for the transport/disposal/storage of water (EN 14680).

CE: Adhesive for thermoplastic piping systems for fluids under pressure in installations for the transport/disposal/storage of water (EN 14814).

CSTB: Adhesives for connections in PVC piping systems. Technical Report no. 14/06-972.

Kitemark: Solvent cement for non-pressure thermoplastic pipe systems. Licence KM 51564 (BS 6209).

KIWA: Adhesives for connections in PVC and PVC/CPE water pipe systems. Certificate K5067 based on BRL K525 (NEN 7106).

KIWA-ATA: approved for drinking water systems.

KOMO: Adhesives for connections in non-plastified PVC interior sewage systems. Certificate K4395 based on BRL 5221.

EN 14680: Meets requirements European standard 14680: Adhesive for non-pressure thermoplastic piping systems.

EN 14814: Meets requirements European standard 14814: Adhesive for thermoplastic piping systems for fluids under pressure.

PREPARATION

Working conditions: Do not use in temperatures $\leq +5^{\circ}\text{C}$.

APPLICATION

Coverage: Indication of the number of adhesive joints per 1 L:

Ø	32	40	50	63	75	90	110	125	160
#	700	500	300	200	140	100	70	55	35

Directions for use:

1. Saw off pipes squarely, chamfer and deburr. 2. Clean adhesive surfaces with Griffon Cleaner and Cleaner Cloth. 3. Apply adhesive rapidly and evenly all around (4-6x) to both bonding surfaces (pipe thickly, sleeve thinly). 4. Assemble joint immediately. Remove excess adhesive. For the first 10 minutes do not load the joint mechanically. After use, immediately close packaging properly.

Stains/residue: Remove traces of paste with Griffon Cleaner.

Points of attention: Brush size varies per packaging volume. Use a suitable packaging (brush) for the diameter to be bonded.

16 - 50 mm	16 - 63 mm	40 - 90 mm	50 - 160 mm
100 ml	250 ml	500 ml	1000 ml

CURE TIMES

Dry/Cure time: approx. See table:

Ø	16 - 63 mm		75 - 90 mm		16 - 160 mm
	10 BAR	16 BAR	10 BAR	16 BAR	
5°C - 10°C	4 hours	8 hours	8 hours	16 hours	2 hours
>10°C	2 hours	4 hours	4 hours	8 hours	1 hour

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Temperature resistance: 40°C, peak load 95°C

Chemicals resistance: The chemical resistance of adhesive joints depends on the gap width, drying time, pressure, temperature, type and concentration of medium. The adhesive joint generally has the same chemical resistance as the material itself. Exceptions to this are a small number of very aggressive chemicals such as concentrated inorganic acids, caustic solutions and strong oxidants.

TECHNICAL SPECIFICATIONS

Chemical base: Solution of PVC in a mixture of solvents.

Colour: Yellow (transparent)

Viscosity: approx. 650 mPa.s.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



Solid contents: approx. 19,5 %

Density: approx. 0.9 g/cm³

Flash point: K1 (<21°C)

STORAGE CONDITIONS

At least 18 months in unopened packaging stored between +5°C and +25°C.
Store with packaging properly closed in a dry, cool and frost-free place. Opened packaging reduces the storage life.

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