



WDF-05® EN/DE

EXTREMELY FAST, BLUE, THIXOTROPIC PVC CEMENT



PRODUCT DESCRIPTION

Extremely fast, blue, thixotropic PVC cement.

FIELD OF APPLICATION

For joining pipes, sockets and fittings with interference fit and loose fit (gap filling) in pressure and drainage systems. With special pipe brush for quick and easy application. Extremely suitable for flexible hoses and applications under wet conditions, such as swimming pools and whirlpools. Suitable for diameters ≤ 160 mm. Max. 16 bar (PN 16). Maximal tolerances: 0.8 mm diametrical clearance / 0.2 mm press fit. Flexible hoses: 0.3 mm diametrical clearance. Suitable for e.g. pipe systems conforming to EN1329, 1452, 1453, 1455 and ISO15493 (PVC).

PROPERTIES

- With special brush
- With quick release cap
- Very fast
- Thixotropic
- Gap filling

QUALITY LABELS/STANDARDS

Certificates: ACS: In accordance with the positive lists of ACS (Attestation de Conformité Sanitaire). Certificate Eurofins 16 CLP NY 034.

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. Certificate 13-AD06 (EN 14814).

KIWA: Adhesives for connections in PVC and PVC/CPE water pipe systems. Approved for drinking water. Certificate K5067 based on BRL K525.

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

WRAS: Approved for drinking water. WRAS certificate (BS 6920).

Standards: 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	200	250
#	650	290	160	100	90	70	40	30	20	12	8

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. Properly close the container immediately after use.

Stains/residue: Remove adhesive stains with Griffon Cleaner and Cleaner Cloth.

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

16 - 63 mm	40 - 160 mm
250 ml	500 ml

CURE TIMES*

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.



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Ø	16 – 50 mm			63 – 110 mm			125 – 160 mm		
	5 BAR	10 BAR	16 BAR	5 BAR	10 BAR	16 BAR	5 BAR	10 BAR	16 BAR
5°C - 15°C	30 min	1 hour	4 hours	1 hour	2 hours	8 hours	4 hours	16 hours	32 hours
>15°C	15 min	30 min	2 hours	30 min	1 hour	4 hours	2 hours	8 hours	16 hours

Flexible tubes 24 hours / ABS (max 5 bar) double setting times

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

TECHNICAL PROPERTIES

Temperature resistance: +60°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: Blue (transparent)

Viscosity: approx. 675 mPa.s., Thixotropic

Solid matter: approx. 17 %

Density: approx. 0.93 g/cm³

Flash point: K1 (<21°C)

STORAGE CONDITIONS

At least 24 months in the unopened package and stored between +5°C and +25°C. Close the container properly and store in a dry, cool and frost-free location. Limited shelf life after opening.