

# WDF-05®

## VERY QUICK, BLUE, THIXOTROPIC PVC CEMENT



### PRODUCT DESCRIPTION

Very quick, blue, thixotropic PVC cement.

### FIELD OF APPLICATION

For joining flexible tubing and rigid PVC pipes, sleeves and fittings with press and loose fit (gap filling) in pressurised and drain systems. Extremely suitable for swimming pools, jacuzzis and other damp environments. Suitable for diameters ≤ 160 mm. Max. 16 bar (PN 16). Maximum tolerance 0.8 mm diametrical clearance (flexible tubing max. 0.3 mm) / 0.2 mm press fit. Suitable for pipe systems conforming to EN1329, 1452, 1453, 1455 and ISO15493 (PVC).

### PROPERTIES

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

### QUALITY LABELS/STANDARDS

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).

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

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 ≤ +5°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. 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 - 63 mm	40 - 160 mm
250 ml	500 ml

### CURE TIMES

**Dry/Cure time:** approx. See table:

°C	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. 1500 mPa.s.

**Solid contents:** approx. 17 %

**Density:** approx. 0.99 g/cm<sup>3</sup>

**Flash point:** K1 (<21°C)



## STORAGE CONDITIONS

At least 24 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.

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.