

# PVC GEL ES/PT/IT

## FAST, THIXOTROPIC, THF-FREE RIGID PVC CEMENT



### PRODUCT DESCRIPTION

Fast, thixotropic, THF-free rigid PVC cement.

### FIELD OF APPLICATION

For joining pipes, sleeves and fittings with press and loose fit (gap filling) in pressurised and drain systems. Suitable for diameters  $\leq 250$  mm. Max. 16 bar (PN 16). Maximum tolerance 0.6 mm diametrical clearance / 0.2 mm press fit. Suitable for pipe systems conforming to EN1329, 1452, 1453 and 1455.

### PROPERTIES

- THF-free
- Fast
- Does not drip
- Thixotropic
- Gap filling

### QUALITY LABELS/STANDARDS

AENOR: Adhesivo para tubos de PVC-U para suministro de agua. Certificado No 001/005583 (EN14814).

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).

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:

| $\emptyset$ | 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 lengthways 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.

### CURE TIMES

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

| $\emptyset$ | 16 – 63 mm |         | 75 – 110 mm |          | 125 – 250 mm |          | 16 – 250 mm  |
|-------------|------------|---------|-------------|----------|--------------|----------|--------------|
|             | 10 BAR     | 16 BAR  | 10 BAR      | 16 BAR   | 10 BAR       | 16 BAR   | NON PRESSURE |
| 5°C - 10°C  | 4 horas    | 8 horas | 8 horas     | 16 horas | 16 horas     | 32 horas | 2 horas      |
| >10°C       | 2 horas    | 4 horas | 4 horas     | 8 horas  | 8 horas      | 16 horas | 1 hora       |

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

### TECHNICAL SPECIFICATIONS

**Colour:** Transparent

**Viscosity:** approx. 2800 mPa.s.

**Solid contents:** approx. 20 %

**Density:** approx. 0.88 g/cm<sup>3</sup>

**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.