UNI-100® EN/DE

QUICK, THIXOTROPIC RIGID PVC CEMENT

PRODUCT DESCRIPTION
Quick, thixotropic 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 ≤ 315 mm. Max. 16 bar (PN 16). Maximum tolerance 0.8 mm diametrical clearance / 0.2 mm press fit. Suitable for pipe systems conforming to EN1329, 1452, 1453, 1455 and ISO15493 (PVC).

PROPERTIES
· With special pipe brush
· With quick release cap
· 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).
Kitemark: Solvent cement for pressure and non-pressure thermoplastic pipe systems. Licence KM 87235 (BS 4346/3).
KTW: Entspricht den Anforderungen der KTW-Leitlinie (Trinkwasser) des Umweltbundesamtes (UBA).
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 connections 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. Cut pipes square, chamfer edges and remove burrs. 2. Clean surfaces to be joined with Griffon Cleaner and Cleaner Cloth. 3. Apply cement quickly and evenly all around (4-6x) on both surfaces to be joined (pipe thick, socket thin). 4. Join parts immediately. Remove excess cement. Do not submit joint to a load for first 10 minutes. Close packaging carefully immediately after use.
Stains/residue: Remove cement stains with Griffon Cleaner.
Points of attention: Brush size varies depending on packaging volume. Use packaging (brush) which matches diameter to be joined.

16 - 63 mm	40 - 90 mm	50 - 160 mm	160 - 315 mm
250 ml	500 ml	1000 ml	BRUSH

CURE TIMES
Dry/Cure time: approx. See schedule:

ø	16 – 63 mm		75 – 110 mm		125 – 315 mm	
℃	10 BAR	16 BAR	10 BAR	16 BAR	10 BAR	16 BAR
5℃ - 10℃	4 hours	8 hours	8 hours	16 hours	16 hours	32 hours
>10℃	2 hours	4 hours	4 hours	8 hours	8 hours	16 hours

*** 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 joints depends on gap width, drying time, pressure applied, temperature, type and concentration of the product. In general, the joint can be stated to have the same chemical resistance as the material itself, with the exception of a limited number of very aggressive chemicals, such as concentrated anorganic acids, lyes and powerful oxidants.

TECHNICAL SPECIFICATIONS
Chemical base: Solution of PVC in a mixture of solvents.
Colour: Grey (transparent)
Viscosity: approx. 2500 mPa.s.
Solid contents: approx. 23 %
Density: approx. 0.97 g/cm^3
Flash point: K1 (<21°C)

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.

STORAGE CONDITIONS

At least 24 months, if stored in a well-closed packaging in a dry place at a temperature between +5°C and +25°C. Limited shelf life after opening.

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