HT-120

FAST, THIXOTROPIC PVC-C CEMENT

PRODUCT DESCRIPTION

Fast, thixotropic PVC-C 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. Suitable for diameters ≤ 250 mm. Max. 25 bar (PN 25) for diameters ≤ 110 mm. Max. 16 bar (PN 16) for diameters > 110 mm and ≤ 250 mm. Maximal tolerances 0.8 mm diametrical clearance / 0.2 mm press fit. Suitable for e.g. pipe systems conforming to EN 1566, 15877 and ISO 15493 (PVC-C).

PROPERTIES

· Fast
· Thixotropic
· Gap filling

CERTIFICATES & STANDARDS

Certificates	
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).
UKCA	Adhesive for non-pressure thermoplastic piping systems in installations for the transport/disposal/storage of water (EN 14680).
UKCA	Adhesive for thermoplastic piping systems for fluids under pressure in installations for the transport/disposal/storage of water (EN 14814).
NARODOWY INSTYTUT ZDROWIA PUBLICZNEGO · PIB · PRODUKT Z ATESTEM	PZH: Hygienic Certificate B/BK/60110/0555/23.

Standards	
EN 14680	EN 14680: Meets requirements European standard 14680: Adhesive for non-pressure thermoplastic piping systems.
EN 14814	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.

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APPLICATION

Coverage: Indication of the number of 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. Cut pipes square, chamfer edges and deburr. 2. Clean surfaces with Griffon Cleaner and Cleaner Cloth. 3. Apply adhesive rapidly and evenly all around (4-6x) on both surfaces (pipe thickly, socket thinly). 4. Assemble joint immediately. Remove excess adhesive. Do not load the joint mechanically for the first 10 minutes. Close packaging 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.

TECHNICAL SPECIFICATIONS

Chemical base:	Solution of PVC-C in a mixture of solvents
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.
Colour:	Yellow (transparent)
Density approx.:	0.95 g/cm^3
Flash point:	K1 (<21°C)
Temperature resistance:	80 °C
Temperature resistance, peak load:	120 °C
Solid matter approx.:	19 %
Viscosity:	Thixotropic
Viscosity approx.:	1000 mPa·s

ø	16 – 63 mm		75 – 110 mm		125 – 250 mm		16 – 160 mm	200 – 250 mm
℃	10 BAR	16 BAR	10 BAR	16 BAR	10 BAR	16 BAR	NON PRESSURE	
5℃ - 10℃	4 hour	8 hour	8 hour	16 hour	16 hour	32 hour	2 hour	4 hour
>10℃	2 hour	4 hour	4 hour	8 hour	8 hour	16 hour	1 hour	2 hour

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

STORAGE CONDITIONS

Shelf life: At least 24 months after production.
Stored in unopened packaging between +5°C and +25°C.
Best Before Date (MM/YY): see packaging. Close packaging properly after use and store in a dry, cool, and frost-free location.
Limited shelf life after opening.