



AquaBond+

All Pressure Rigid UPVC ADHESIVE

ISO 9001 BUREAU VERITAS Certification	
CODE:	FT-190031-E
EDITION NO.:	02
REVISION NUMBER:	03
EFFECTIVE DATE:	01/21

Description:

AquaBond+ is a THF-free, solvent-based synthetic adhesive specifically designed for rigid PVC pipes subject to high operating pressure. Easy application and excellent adhesion. Moderate thixotropy. Meets the requirements of UNE-EN 14814:2007. Approved adhesive (CE marking) for thermoplastic piping systems for pressurized fluids up to PN 16, in installations for the transport, disposal, and storage of water not intended for human consumption. Suitable for use in drinking water pipelines.

Technical data:

Composition:	Modified vinyl polymers in organic solvents.
Presentation:	125 ml tube. Metal containers with built-in brush of 0.25, 0.5 and 1 liters.
Aspect:	Liquid.
Color:	Transparent.

Properties:	Worth:	And:	Rule:
Brookfield Viscosity (23°C, R3-20rpm)	5000 ± 500	mPa·s	UNE-EN 12092
Density (23°C)	0.96 ± 0.02	g/cm³	UNE-EN 542
Limit ambient temperature for application	-5 to +30	°C	---
Tensile strength (PVC/PVC) 24 hours drying time	>1.5	MPa	EN ISO 9311-2
Pressure resistance (20°C)	51.2	bar	EN ISO 9311-3

Results: Laboratory tested.

Uses and applications:

AquaBond+ plumbing and irrigation systems subject to high pressure are also suitable for drainage and stormwater pipes.

The chemical welding provided by **AquaBond+** guarantees high resistance of the joints against high pressure and the passage of time.

Instructions for use:

1. Cut the tube at a right angle.
2. Chamfer the inner and outer edges at a 15° angle.
3. Degrease the contact surfaces with absorbent paper soaked in DISSOLVER PVC.
4. The adhesive must be removed thoroughly before use.
5. Using the built-in brush, apply a regular layer of adhesive to the two parts to be joined, in a longitudinal direction towards the end of the tube, placing a thicker layer at the end.
6. Insert the tubes without turning, holding them still for a few seconds to achieve initial adhesion.
7. Remove excess adhesive. The joined tubes should not be handled for 5 minutes to allow the adhesive to harden.
8. Wait 8 hours for drying and commissioning at pressures below 1.5 atm.
9. Before subjecting pipes to pressures exceeding 1.5 atm, it is recommended to wait 24 hours. It is essential to thoroughly clean the pipe before applying the product. Close the can carefully after use. DISSOLVER PVC should not be used as a diluent.

Safety and hygiene:

The product is classified as irritant and highly flammable according to Regulation (EU) 1272/2008
For further information, please refer to the safety data sheet.

Storage:

It can be stored for at least 24 months from the date of manufacture in a cool, dry, and well-ventilated environment between +10, and +30°C, away from heat sources and direct sunlight. Keep away from ignition sources.

Cleaning:

Application tools and equipment can be cleaned with PVC Dissolver or MK Dissolver.

Note:

The technical information provided by **BSF Bond | Seal | Fill**, whether verbal or written, is based on our current knowledge and is given in good faith but without warranty, and this also applies where third-party proprietary rights are involved.

The user is obliged to verify that our products are suitable for the process and use in question.

In any case, our liability is limited to the value of the goods we supplied and used by you. We provide products of consistent quality, in accordance with our General Conditions of Sale and Distribution.