STEP-BY-STEP PLAN PERFECT CONNECTION

STEP 2

cloth).

Clean adhesive surfaces

with Griffon Cleaner and

Cleaner Cloth (non-pilling

Using Griffon Cleaner

ensures that the surface

is free of dirt and grease

and will also prepare it

for optimum adhesion.

Allow the surfaces to dry

well in order to prevent

condensation.



In addition to high-quality products, the correct process of application is also essential in order to create a perfect connection. Below you will find a complete step-by-step plan in which the application instructions for joining a PVC pipe system are described.



STEP 1 Saw off pipes at a right angle, chamfer (15°) and deburr.

For chamfering pipes with a diameter ≤ 63 mm, use the special Griffon chamfer tool. For removing burrs use the special Griffon deburring tool.

Mark insertion depth on the pipe and mark the correct assembly position of the fitting.



STEP 3 Apply cement rapidly and evenly all around (4-6x) to both surfaces (pipe thickly, fitting thinly). Avoid using an excess of cement.

Do not use PVC cements at temperatures below 5°C. At temperatures higher than 25°C, the application process must be carried out faster due to the faster evaporation of the solvents.



STEP 4 Join parts immediately

Remove excess cement using Griffon Cleaner Cloth. Excess cement may have an unfavourable effect on the pipe and weaken it.

For the first 10 minutes, do not load the joint mechanically. Take into account the drying times. Properly close the packaging immediately after use.



FOR PERFECT CONNECTIONS IN PVC PRESSURE SYSTEMS



THE SUPERIOR THF-FREE PVC CEMENT FOR PERFECT CONNECTIONS IN PVC PRESSURE SYSTEMS







Griffon. Committed to professionals.





Griffon offers a range of high-quality PVC cements specifically developed for connections in high-end PVC pressure systems. These cements each have unique and specific properties and provide the best solution for each application.

Griffon is expanding this range of PVC cements with the innovative UNI-100° XT: a new generation, THF-free, rigid PVC cement that is more user and environmentally friendly. UNI-100° XT is a thixotropic rigid PVC cement for joining pipes, sockets and fittings with press and loose fit in pressure and drainage systems. As a result of the unique THF-free formula, there are small (noticeable) differences between the UNI-100° XT and the trusted UNI-100°. Both PVC cements ensure the same end result: strong and durable connections in PVC pipe systems. The high quality and durability of both cements has been independently confirmed by various European certification institutes.

Both the UNI-100[®] and the new UNI-100[®] XT are available in a plastic bottle with a special brush integrated in the cap.

DURABLE PLASTIC BOTTLE

- Always easy to open and close
- Large cap fits comfortably in your hand
- Quick-release cap
- Does not rust or dent

SPECIAL BRUSH INTEGRATED IN THE CAP

- Apply cement fast and easily
- Ensures equal application of the cement
- Size of the brush is tailored to the pipe diameter



| THF-free | yes |
|---|-----------------------------------|
| colour after drying | transparent (light yellow) |
| odour nuisance during application | medium |
| removing cement residue*1 | very easy |
| equal visible cement joint after drying | yes*2 |
| viscosity | thixotropic, gap-filling |
| pressure resistance | 16 bar (PN16) |
| diametrical clearance / press fit | 0,6 mm / 0,2 mm |
| temperature resistance | 60°C (pressure), peak load 95°C |
| chemical resistance | equal to PVC itself ^{*3} |
| maximum pipe diameter | 400 mm |
| open time (20°C ambient temperature) | approx. 3 minutes |
| fixture time (hand tightness)*4 | approx. 15 seconds |

Curing times^{*5}

| Ø | 16 - 63 mm | | | 75 - 110 mm | | | 125 - 400 mm | |
|--------------|------------|----------|----------|-------------|----------|----------|--------------|----------|
| Temp. | 5 bar | 10 bar | 16 bar | 5 bar | 10 bar | 16 bar | 5 bar | 10 bar |
| +5°C - +10°C | 6 hours | 12 hours | 24 hours | 12 hours | 24 hours | 48 hours | 36 hours | 72 hours |
| >+10ºC | 2 hours | 4 hours | 8 hours | 4 hours | 8 hours | 16 hours | 12 hours | 24 hours |



| THF-free |
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| odour nuisance du |
| removing cement |
| equal visible ceme |
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| temperature resist |
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| fixture time (hand |
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Curing times^{*5}

| Ø | 16 - 6 | 3 mm | 75 - 110 mm | | 125 - 315 mm | |
|--------------|---------|---------|-------------|----------|--------------|----------|
| Temp. | 10 bar | 16 bar | 10 bar | 16 bar | 10 bar | 16 bar |
| +5°C - +10°C | 4 hours | 8 hours | 8 hours | 16 hours | 16 hours | 32 hours |
| >+10°C | 2 hours | 4 hours | 4 hours | 8 hours | 8 hours | 16 hours |

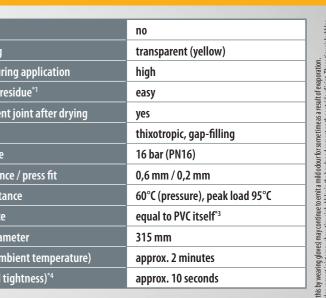
www.griffon.eu

UNI-100® XT RIGID PVC CEMENT









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UNI-100® RIGID PVC CEMENT