

GEB'ORIZON COLLE PVC GEL EVACUATION

Functionality

Gel adhesive, with bio-based resins and recycled solvents, for assembling non plasticised PVC (U-PVC) pipes and elements

- Gluing of sanitary or waste water drain pipes (washing-up machine and washing machine outlets),
- Gluing of soil water drain pipes,
- Gluing of rainwater down pipes,
- Suitable for gluing underground PVC pipes carrying telecommunication networks.

Labels and Accreditation

Aaa

CE Marking: DOP n° 21046641-1

- **Adhesives for non-pressure thermoplastics piping systems until PN16 standard EN 14680**

Indoor air quality rating (according to ISO 16000 test methods) : A+



Technical characteristics

Characteristics	Specifications
Appearance	Thixotropic gel (does not run on vertical application)
Density at 20°C	0.87
Solid content	19%
Brookfield viscosity at 20°C	15 Pa.s
Temperature resistance	60°C, 90°C peak
Shear strength at 20°C	≥ 0.25 MPa after 1h ≥ 1.5 MPa after 24h ≥ 3.0 MPa after 24 days (EN 14680)

Setting and drying time to be allowed

Observance of the hardening and drying times is essential to guarantee gluing of pipes.

	Assembly: Ø < 250* mm Repair: 90 mm < Ø < 250* mm
DO NOT HANDLE	DRAIN SYSTEMS
10 min	Essential 1h

* For diameters higher than 110 mm, refer to the particular case in the instructions for use.

Use

Assemblies using GEB'ORIZON COLLE PVC GEL EVACUATION must be executed in the following conditions: (Extracts from DTU 60-31, -32 and -33 CH 3.21).

Application temperature between +5°C and +35°C.

Preparation

- Check the presence of the bevel on the end of the male part of the pipe or connector. If the pipe is cut on site, restore this bevel with a file or other process resulting in the same profile.
- For fitting at the bottom of the male end in the socket, measure the depth of the socket and mark this length on the male end of the pipe or connector with a felt marker or grease pencil.
- To remove the surface film from the components, abrade with fine sandpaper rotating the parts to be assembled (male end and socket): files, rasps or saw blades must never be used for this operation.
- Strip the two parts to be assembled with a clean cloth soaked in PVC pipe cleaner (like DECAPANT PVC or DECAPANT GEBSOPLAST) or with the DECAPANT UNIVERSEL; take care not to wipe off the mark while you are doing this.

Instructions for use

- Once your pipes and fittings are fully dry, apply a generous coat of adhesive and spread it evenly with the brush, first on the socket entry and then on the whole of the male part, finishing with lengthwise movements.
- The adhesive dries fairly quickly, so the two parts must be fitted together fully immediately, pushing lengthwise without turning, up to the mark made previously.
- In every case, it is essential to allow a minimum drying time before handling the assembly to prevent the parts from moving away from each other.
- In order to prevent excessive evaporation of volatile solvents, make sure that the containers of adhesive and stripping solution are properly closed after each use.

Particular case of diameters between 110 and 250 mm

- The connecting must be made for 2 persons minimum.
- Abrade and bevel pipes and connectors with a grinder.
- Strip the two parts to be assembled with a clean cloth soaked in PVC pipe cleaner (like DECAPANT PVC or DECAPANT GEBSOPLAST) or with the DECAPANT UNIVERSEL.
- Once your pipes and fittings are fully dry, apply a generous coat of adhesive and spread it. Make this operation quickly to limit the drying of the glue.
- The two parts must be fitted together fully immediately, pushing lengthwise without turning.

- It is necessary in any case to respect a minimal drying time of 10 minutes before handle the installation, to avoid any relative movement of parts between them.

Consumption

Average number of connectors sealed with 250 mL of GEB'ORIZON COLLE PVC GEL EVACUATION:

Ø In mm	Dn	32	40	50	63	80	90	100	110	125	140	160	180	200	225	250
Number		112	55	45	22	13	12	11	9	7	5	4	3	2	2	1

Material cleaning

If necessary, the brush can be cleaned with PVC pipe cleaner, but this product must never be used to dilute the adhesive.

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr.

Tip

A vigorous agitation makes the product more liquid.

Comments

Always use the product in an area protected from the rain. In addition, it is essential to make sure that splashes (rain or other) cannot enter the can, as this will destroy the adhesive remaining in the can. Similarly, it is essential to make sure that neither the parts to be assembled nor the brush are wet before the adhesive is applied.

Never use cleaner to remove excess glue around the glued assembly; use a clean cloth.

Storage

Store at a temperature between -5°C and 35°C.

The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.

The information contained on the technical datasheet is provided in all good faith and results from measurements made in our laboratory. Given the number of materials, differences in quality and diversity of working methods, we recommend that users perform tests prior to application under actual conditions of use.

This document may be amended in keeping with product development and the state of our knowledge without prior notice and therefore it is recommended to check on <http://www.geb.fr> that you have the latest version before use.