

PVC-GLUE BLUE(THF-free)

Functionality

Glue for assembling pipe components made of flexible PVC and rigid PVC (U-PVC) used for swimming pools.

- Gluing of pipes made of flexible PVC and connectors made of rigid PVC
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- Withstands swimming pool water treatment products, salt water and sea water
- Suitable for water supply and extraction networks for swimming pools
- Can be used under pressure for diameters less than 100 mm
- Does not run when applied vertically



Labels and Accreditations

CE Marking: DoP No. 21047001-1

Complies with EN14680 and EN14814 standards

Technical Characteristics

Spezifikationen	Characteristics	
Appearance	Deep blue gel	
Density at 20°C	0.9	
Brookfield viscosity at 20°C	18.500 MPa.s	
Withstands shearing after 24 hours of drying	5,2 MPa (NF T 54-096)	
Withstands pressure of	40 bars	
Withstands temperature of	90°C	
Drying time	20 mm - 63 mm	63 mm - 100 mm
	00 – 10 bars: 15 min.	00 – 10 bars: 30 min.
	10 – 25 bars: 1 hour	10 – 25 bars: 1 hour.
	25 – 40 bars: 24 hours	25 – 40 bars: 24 hours.

Application

Assemblies using the glue should be performed in the following conditions:

(Extracts from DTU 60-31, -32, -33 CH 3.21). Application temperature must be between +5°C and +35°C

Technical data sheet



Erstellt am: 03/01/2020

Version: 1

Preparation

Check the presence of the bevel at the male end of the pipe or connector. In the case where the pipe has been cut on the worksite, restore this bevel with a file or any other process resulting in the same profile.

For fitting at the bottom of the male end in the socket, measure and note the socket depth on the male end of the pipe or connector using a grease pencil or felt-tip pen.

In order to remove the surface film from the components, abrade by rotating the pool fermit abrasive paper on the parts to be assembled (male end and socket): use of a file, rasp or saw blade is strictly forbidden for this operation.

Instructions of use

- Clean the two components to be assembled using a clean cloth soaked with the "pool fermit PVC-Universal Cleaner", being careful not to erase the mark during this operation.
- On flexible/soft PVC it is recommended to abrade the end of the pipe with the pool fermit abrasive paper to receive a better adhesion.
- Using a brush, spread a thin uniform layer of adhesive on the start of the socket and then on the entire male end, finishing with lengthwise movements.
- As the adhesive dries relatively fast, fit the two components together right to the end immediately, pushing lengthwise without twisting, right up to the mark made.
- In every case, a minimum drying time of 10 minutes should be observed 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 etching solution are properly closed after each use..

Consumption

Average number of connectors which can be glued with 100 ml:

∅ DN in mm	32	40	50	63	80	90	100
Number	45	22	18	9	5,5	5	4,5

Cleaning the equipment

With "pool fermit PVC-Universal Cleaner". This product should never be used to dilute the glue

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Tip

Vigorous shaking makes the product liquid.

Storage

Store at a temperature of between +5°C and +35°C.

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

Comments

Application must be carried out in a place protected from the rain. In addition, it is essential to make sure that splashes (rain or other) do not enter the can, as this would destroy the adhesive remaining in the can. Similarly, it is essential to make sure that the parts for assembly, and the brush, are not wet before the adhesive is applied.

Safety Precautions

The Material Safety Data Sheet is available on the Internet on www.fermit.com

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 that you have the latest version before use. The safety data sheet is available online at www.fermit.com