

MOUNTING INSTRUCTION



GLUE FOR POLYMER CONCRETE PRODUCTS

- POLYESTER GLUE
- FUNKI COMPONENT FIX



ACO FUNKI A/S
Kirkevænget 5
DK-7400 Herning

Tel. +45 9711 9600
Fax +45 9711 9677
www.acofunki.com

DANISH DESIGN | GERMAN QUALITY | GLOBAL EXPERIENCE

GLUE FOR POLYMER CONCRETE PRODUCTS

This instruction contains the description of two adhesive solutions for polymer concrete products. The adhesive products are primarily used for fixing partitions and end gables as well as jointing polymer concrete troughs.

Polyester glue

- To be used where two components are fixed directly to each other
- E.g. for fixing partitions walls and end gables

Funki Component Fix

- To be used in a "cavity wedge" between two component for optimal function
- E.g. joining of troughs
- Fixing of glue anchors
- Fixing of partitions

SAFETY PRECAUTIONS

AVOID SKIN- AND EYE CONTACT.

- In case of contact with eyes, rinse thoroughly with water for at least 15 minutes. Seek medical attention
- May cause irritation and sensitization in case of skin contact. Wash thoroughly with water and soap.

AVOID INHALATING VAPORS. ENSURE GOOD VENTILATION.

- In case of inhalation get plenty of fresh air. Seek medical attention.

Item no.	ACCESSORIES FOR POLYMER CONCRETE TROUGHS	
02163	Polyester glue	0,5 kg, 150 g pr. joint, 250 g pr. partition (approx. 2-3 joints)
18435	Polyester glue	4 kg, 150 g pr. joint, 250 g per partition (approx. 16-26 joints)
523003	Mixing point	
560308	Funki Component Fix	Approx. 4-6 jointing of troughs. Approx. 2 jointing of partitions



Polyester glue



Funki Component Fix

PREPARATION AND ADVICE

Funki Component Fix

- * Before applying Funki Component Fix, thoroughly clean the surfaces. Use a steel brush or grinding machine and wipe clean with a clean, dry cloth.
- * Cut off the tip of the cartridge and apply the mixing point (item no. 523003)
A sealant applicator can be used.
If the use is interrupted for more than approx. 5 min., replace the mixing tip with a new one.
- * The first amount of Funki Component Fix is not used (about 5-10 cm). Make sure that the cartridge supplies correctly mixed mass before it is used.
- * Funki Component Fix withstands short-term exposure to frost, down to -15 °C (e.g. during transport)
- * The operating temperature of Funki Component Fix is 5-30 °C, however, the temperature of the adhesive itself should be at least 20 °C.
- * Store Funki Component Fix at 5-25 °C. Durable for 18 mdr.

Working time:

5 °C = approx. 120 mins.
20 °C = approx. 45 mins.
35 °C = approx. 20 mins.

Hardening time:

5 °C = approx. 240 mins.
20 °C = approx. 120 mins.
35 °C = approx. 45 mins.

Polyester glue

- * Before applying Polyester glue, clean the surfaces thoroughly. Use a steel brush or grinding machine and wipe clean with a clean, dry cloth.
- * In a clean container, mix the glue in the tin can with the hardener in the tube in the weight ratio 50:1.
- * Stir gently until a uniform gray mass is obtained.
- * Apply the polyester glue pointwise with a spatula. DO NOT SPREAD OUT THE GLUE THINLY.
- * Store the glue frost free.
- * Do not work with the glue at temperatures below 10 °C.
- * Mixed glue must be stored at a temperature of at least 20 °C and should be used within 2 hours.

Cleaning of surfaces to prepare for glue / sealant

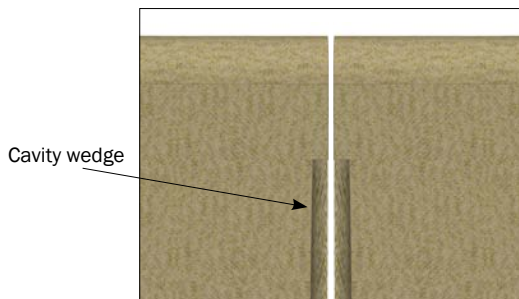
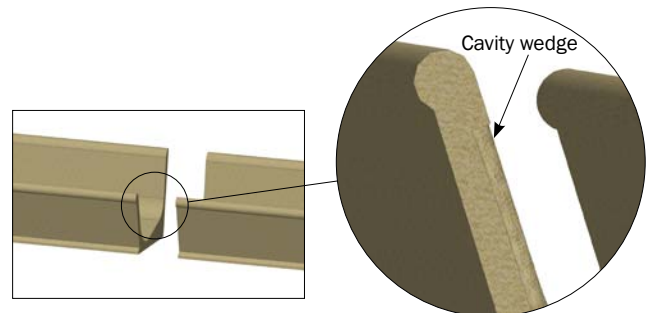
Before applying Polyester glue or Funki Component Fix, clean the surfaces thoroughly. This is to ensure that the adhesives function optimally. The surfaces are prepared by grinding them with a steel brush or grinding machine. Wipe clean with a clean dry cloth to remove dust and grinding residue.



Jointing of troughs

- Funki Component Fix

1. Prepare the Funki Component Fix and clean the surfaces thoroughly (see description on opposite page).
2. Assemble the two troughs and make sure that the cavity wedges match opposite each other
3. Fill Funki Component Fix into the cavity wedge with a normal pressure. Remove any excess sealant with a spatula.

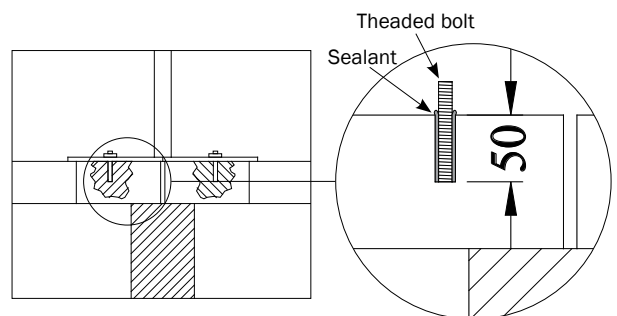


Mounting of glue anchors in concrete slats

- Funki Component Fix

Funki Component Fix can be used for mounting of glue anchors.

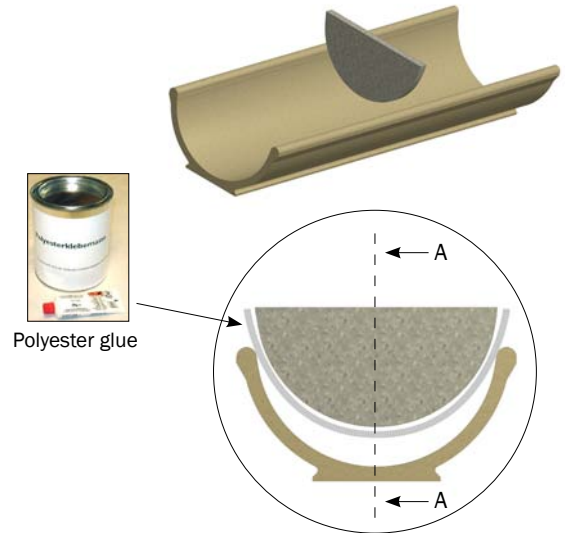
1. Prepare the Funki Component Fix and clean the surfaces thoroughly (see description on opposite page). Threaded bolts must be clean and completely free of oil etc.
2. Drill a hole in the surface. Drill the hole 2 mm bigger than the size of the threaded bolt.
3. Clean the hole thoroughly e.g. by blowing into it.
4. Fill up the hole with Funki Component Fix, starting at the bottom of the hole.
5. Insert the threaded bolt in a rotating motion.
6. When the sealant has hardened, the anchor is ready for use or further assembly.



Fixing of partitions and end gables

- Polyester glue

1. Before fixing partitions and end gables, the surfaces must be cleaned thoroughly.
2. Apply the sealant pointwise with a spatula. DO NOT SPREAD OUT THE GLUE THINLY.
3. Assemble the parts with a light pressure. Avoid pressing too hard so that the parts obtain contact.
4. Leave the glue to dry for at least 24 hours. 100% hardening is obtained after approx. 1 week.
5. After 24 hours the joint can be sealed with Polyester glue or Funki Component Fix.



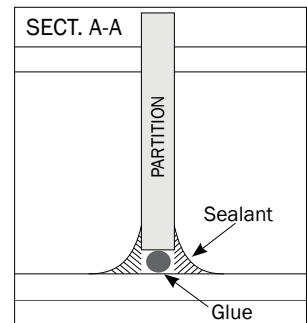
III. 1



III. 2



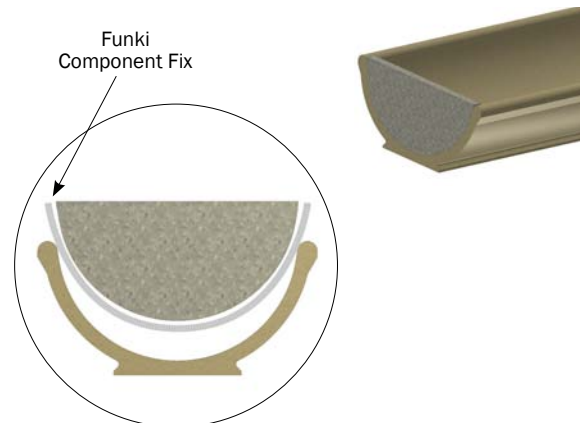
III. 3



Fixing of partitions

- Funki Component Fix

1. Before fixing partitions, the surfaces must be cleaned thoroughly.
2. Apply Funki Component Fix using a sealant applicator. Apply a stripe of sealant to the end gable part (as shown in ill. 1 above)
3. Assemble the parts with a light pressure. Avoid pressing too hard so that the parts obtain contact.
4. Leave the glue to dry for at least 24 hours. 100% hardening is obtained after approx. 1 week.
5. After 24 hours the joint can be sealed with Polyester glue or Funki Component Fix.



Finishing sealing

After hardening, the joints can be sealed using Polyester glue or Funki Component Fix.

