

# PolyPlus SF

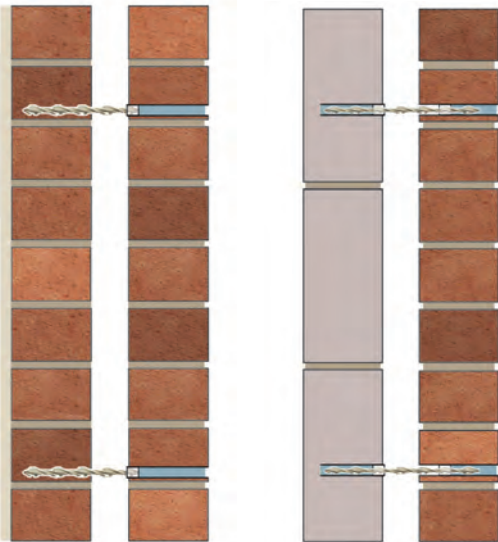
Styrene-free polyester resin

## Applications

- For securing remedial wall ties, resin bonded anchors and threaded rods
- Used to secure RetroTie and ResiTie remedial wall ties

## Features

- Two part nozzle-mixed resin for consistent quality
- User friendly styrene-free materials
- Clean and easy to use in all types of masonry
- Usable in a standard applicator gun
- 300ml part-usable cartridge



For full Product Information,  
Case Studies and downloadable  
Repair Details go to:

[www.helifix.co.uk/products/grouts-resins/polyplus-sf-cartridge](http://www.helifix.co.uk/products/grouts-resins/polyplus-sf-cartridge)



# Directions for use as a Resin Anchor

(See individual Product Sheets on RetroTie and ResiTie for these applications)

1. Drill the hole to the correct diameter and depth using a rotary percussion drill.
2. Clean the hole using a stiff wire or nylon brush and clean compressed air or blow pump.
3. Once the hole is prepared remove the screw cap from the cartridge and cut the film to remove the metal clip.
4. Attach mixer nozzle, place in applicator gun and dispense the first part of the cartridge to waste until an even colour is achieved.
5. Insert the mixer nozzle to the far end of the hole and half fill hole (depending upon application). Withdraw nozzle as you fill the hole. For deep holes, extension tubing can be used.
6. Immediately insert the tie or fixing using a slight twisting motion.
7. Excess resin should be removed from the mouth of the hole before it sets.
8. Leave the fixing undisturbed until loading time has elapsed, then attach the fixture and tighten the nut.

## Performance Data

### SETTING TIMES

Temperature	Gel time	Service load time
5°C	18mins	145mins
10°C	10mins	85mins
20°C	6mins	50mins
25°C	5mins	40mins
30°C	4mins	35mins

### TYPICAL PERFORMANCE

12mm ø bolt, 110mm deep in 14mm ø hole 30/Nmm <sup>2</sup> concrete:	Characteristic tensile load (N <sub>Rk</sub> ) 43.3kN
Storage conditions:	Cool, dry, frost-free conditions away from direct sunlight
Storage temperature:	5°C to 20°C
Shelf life:	12 months under normal conditions
Cartridge size:	300ml

For full technical details and loading capacities, call Helifix for the relevant Technical Information Sheet

For Health & Safety information, call Helifix for the relevant Safety Data Sheet