

# RESIFAST



Sometimes remedial ties are required in walls of very soft or perforated materials such as hollow bricks or blocks or No Fines concrete. In this case remedial wall tying cannot be achieved with mechanical expansion systems or even with conventional resin tie products.

ITW engineers have designed and developed a remedial wall tie system, ideal for the repair of cavity walls, where the wall materials preclude the use of mechanical fixings. RESIFAST is fabricated from two nylon screens, adhered to a central tubular plastic body. The inner screen is provided with a formed conical end, to contain the resin and to facilitate entry into the 14mm drilled hole. A drip ring is located on the tubular section. SPIT C-Mix Plus Resin is used to set an M5 threaded rod, which gives tensile and compressive strength to the system. A nut on the rod prevents excessive leakage of resin into the central tube, from the outer leaf screen.

## RESIFAST SELECTOR

Catalogue Code No.	Tie Length mm	M5 Rod Length mm	Cavity Width mm
94901	200	190	25-50
94902	225	215	50-75
94903	250	240	75-100

Details of C-Mix Plus resin and its application can be found on page 23

## THE BENEFITS

- Quick and easy to install
- Corrosion resistant
- Controlled resin application
- Manufactured to BS EN ISO 9000
- Ideal for insulated cavity walls
- Operator friendly

## RESIN CURE TIMES

15 minutes at 25°C
45 minutes at 10°C

## TECHNICAL INFORMATION

### SPECIFICATIONS:

Material A2, 300 series,  
Austenitic Stainless Steel  
Nylon screen, PVC Tube

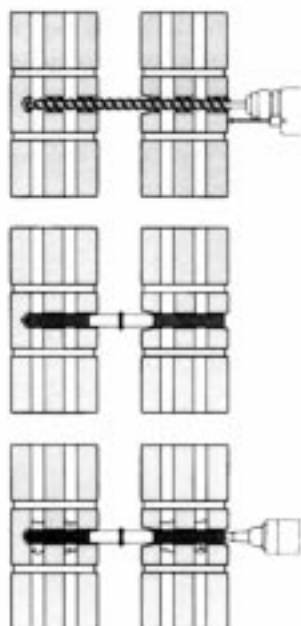
Diameters  
M5 Threaded Rod

### ACCESSORIES:

98008 14 x 260mm S2S drill bit  
06599 Blow Out Pump  
99594 Delivery Tube

NOTE: Drill bits to conform to  
DIN 8035

## APPLICATION METHOD



Drill 14mm hole in brickwork, setting depth gauge on drilling machine, to give 75mm hole depth in inner leaf. Blow out inner and outer leaf holes.

### INSERT RESIFAST

Place the RESIFAST tie over the extended delivery tube and push through into back of inner leaf hole.

### INJECT RESIN

Using extended delivery tube (99594) apply SPIT C-Mix Plus Resin to inner leaf, slowly withdrawing nozzle until it is clear of inner leaf. Withdraw nozzle completely then insert M5 threaded rod. Inject resin into outer leaf. Seal outer brick with colour matching mortar.