




# The Principles


## Grouting equipment and mixing


5 LITRE OF WATER  
  
 very clean bucket or container


1/2 LITRE OF WATER  



25 KG BAG  
  
 25kg


re-mix and add up to 10% (600ml) of water if required


electric mixer capable of 500 rpm  



4 minutes of continuous mixing  



allow to stand for 5 minutes  



grout is introduced into pressure pot through a sieve  



hand held grouting gun for small quantities  



injection limits between 3-5 bars  


pot life 60 minutes dependent on temperature  


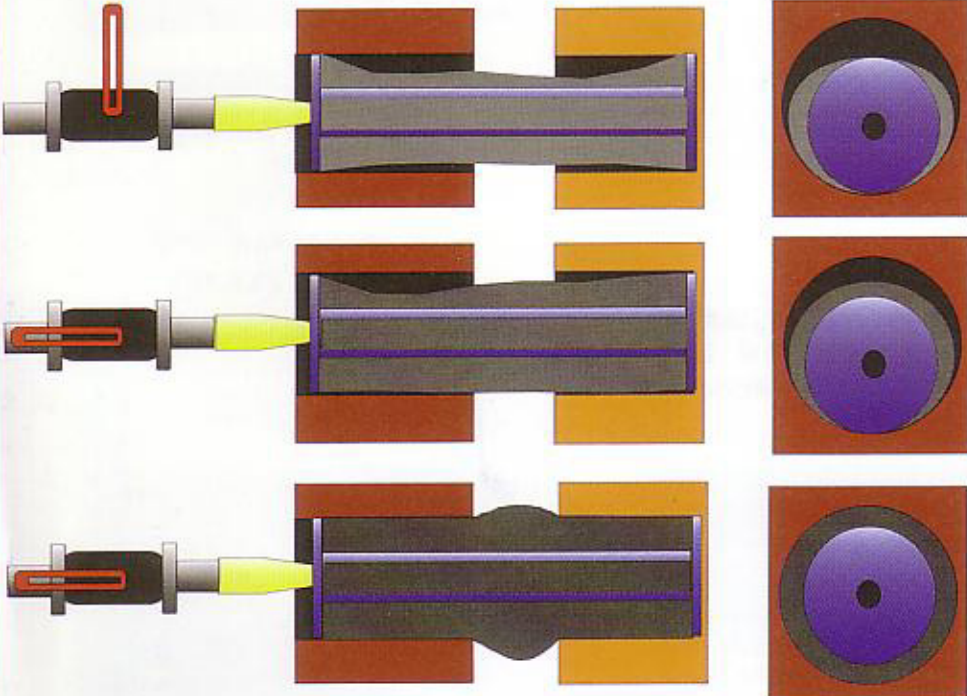
compressor 7 cu. ft. min. 100 psi.  


pressure pot  


injection hose no longer than 4 metres  


when injecting anchor rotate the whole body in a circular motion to position the anchor body in the centre of the bore hole  


## Injection sequence



Anchor is placed into an oversized drilled hole between substrates

Pressure is applied between 3 and 5 bars (42.6 - 71 psi)

Pressure is maintained until all the surplus grout milk is forced out of the anchor and fabric sock

The excess grout milk penetrates the open mesh pores and seeps into the substrate both sizing and penetrating the small fissures

