

# CRACK INJECTION RESIN



## XYMERTEC LOW VISCOSITY CRACK INJECTION RESIN

**Xymertec** crack injection resin was developed to repair a cracked and broken concrete floor in garden centre. The surface of the floor consisted of a tough layer of decorative flake and epoxy that was reasonably intact, but had many cracks. The substrate had been completely fractured and was in some places with little more than lumpy powder.

It was decided that it would be too disruptive to replace the floor entirely because it would have taken several weeks to complete and would have prevented trade during the work. In order to avoid the disruption a crack injection system was developed that could allow trade to continue.

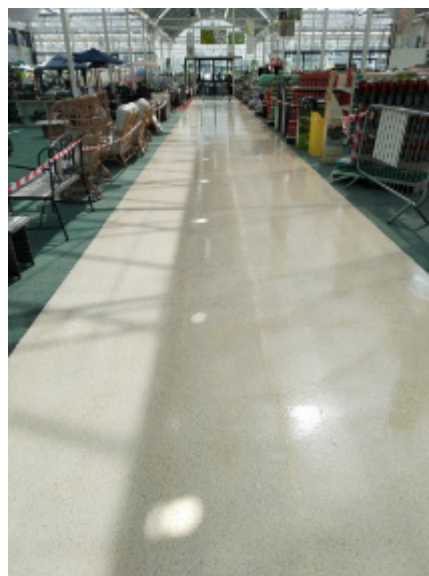
8mm holes were drilled through the surface of the floor at 200mm centres, a low viscosity resin that has been specifically developed for the process was injected into the floor. The resin penetrated into the fractured concrete and bonded it into a load bearing composite.

The surface of the floor was prepared with a diamond grinder and was re-coated with high build epoxy, decorative PVA flake and finished with a coat of clear polyaspartic varnish.

Xymertec Crack Injection resin is available in 3, 7.5 and 30 kilo packs



A paint pressure pot was used for injecting the resin into the floor



The fully repaired floor



Fractured concrete substrate

### ADVANTAGES OF XYMERTEC LV CRACK INJECTION RESIN

**Easily repairs  
fractured concrete and  
masonry**

**Long pot life to  
prevent premature  
setting in the  
equipment**

**Low viscosity allows it  
to saturate crumbled  
concrete**

**Sets rock hard**

**Avoids disruption**

**Economical**