

# **THE EXCLUSIVE SUPPLIERS OF GEO FOAM III**

MATERIAL AND INSTALLATION EQUIPMENT FOR VOID FILLING



## **FREQUENTLY ASKED QUESTIONS**

**PRO SEAL<sup>®</sup>**  
S O L U T I O N S

### **HOW LONG DOES GEO FOAM III TAKE TO SOLIDIFY?**

GEO FOAM III can begin to solidify in a few minutes. The temperature and moisture in the surrounding environment will impact how long it will take to cure.

### **IS GEO FOAM III A POLYURETHANE FOAM?**

GEO FOAM III is not polyurethane foam material that is created by a water or gas blown chemical reaction. GEO FOAM III is a plural component material that is air blown.

### **GEO FOAM III HAS A COMPRESSIVE STRENGTH OF 18-50? DO WE ORDER DENSER FOAM OR HOW DO YOU GET FROM 18 TO 50?**

The same material can achieve a range of densities. GEO FOAM III equipment settings control the output of density.

### **HOW MANY POUNDS PER CUBIC YARD?**

This will be based on the density of material you are installing. A drum set of GEO FOAM III will yield a volume of 3-12 cubic yards. This will result in 75-300 lbs per cubic yard.

### **WHY SHOULD WE CONSIDER THIS PRODUCT OVER PLURAL COMPONENT POLYURETHANE?**

The advantage is that there is no heat during GEO FOAM III installation. On high volume applications where heat would be a concern for polyurethane, GEO FOAM III is safer. GEO FOAM III will not replace polyurethane for concrete lifting, but will be much more efficient to fill voids. Also, some applications where material needs to be pumped long distances GEO FOAM III can flow as far as 500 ft or up to miles based on the density. Polyurethanes ability to flow would be limited by the reaction time. It is a matter of using the right product to fit the specific project conditions. There are times that could be polyurethane foam, GEO FOAM III or both.

### **DOES IT EXPAND AT ALL?**

GEO FOAM III is pumped and installed pre-expanded. There is no expansion after the product is installed.

### **IS GEO FOAM III OPEN CELL?**

Yes, GEO FOAM III is open celled. This foam is highly sophisticated, comparable to an engineered soil replacement. Being open-celled, GEO FOAM III can absorb water or allow water to pass through without changing shape or being overburdened. If you are looking to block water or seal a project, GEO FOAM III can be used in conjunction with closed cell polyurethane for the perfect solution.

### **HOW MUCH DOES THE COMPRESSIVE STRENGTH CHANGE WHEN GEO FOAM III IS SATURATED WITH WATER?**

The strength of the material or shape of the foam does not change when it is saturated with water. The weight per cubic foot of the foam will increase with the absorbed water, but the water can also be easily pulled from the adjacent soils or plants as needed. Another interesting fact, GEO FOAM III will never saturate 100%. 30% will always remain air and cannot be saturated. This allows the foam to stay buoyant.