

## ***Reactive Bentonite Reinforced Spread Waterproofing System for Foundation Insulation***

### **PRODUCT DESCRIPTION**

It is applied by sprinkling just before pouring the concrete after the iron reinforcement is attached to the Gro concrete. After the concrete is poured, it fills the cracks and gaps in the concrete as a result of its chemical and physical integration with the concrete, thanks to the nanometer-sized minerals and crystallizations it creates by reacting with the natural chemicals and water that emerge during cement hydration. It is a chemical waterproofing material that provides impermeability to water and other liquids thanks to the crystals that fill it, and can work in both positive and negative directions.

### **FEATURES**

It can be used in all weather conditions where concrete can be poured.  
It saves a lot of time and cost.  
It does not reduce the compressive strength of concrete, but increases the durability and life of concrete.  
Repairs hairline cracks.  
It is seamless, does not tear, does not break or deteriorate.  
It is not affected by ultraviolet rays and oxidation.  
It does not require a primer before application and a protection layer after application.  
Protects iron reinforcement against corrosion.  
It works both negative and positive.  
It is effective against moisture formation, dries moisture and eliminates odor .

### **PRODUCT INFORMATION**

Chemical structure	cement based
Appearance/Color	Powder / gray-yellow
Start of Socket	60 Min
Intensity	1.93 ± 0,05 kg/lit

### **USAGE AREAS**

Foundations, Dams,  
Tunnels, Shipyards,  
Subsoil Slabs, Highway Bridges,  
Waste Water Treatment Plants, Railway  
Bridges, ponds

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### **APPLICATION INSTRUCTIONS**

In sub-foundation insulation, after the formwork and iron are laid on the lean concrete, it is sprinkled on the ground over the iron with the PROFIX dry sprinkler system before concrete pouring, with a consumption of 3 kg/m<sup>2</sup>. In order to keep the consumption under control, a 3x2 m (6 m<sup>2</sup> area) is determined as a grid with tape, rope or chalk on the iron, and a PROFIX bag (20 kg) is placed in each square and sprinkled in that area. With the pouring of concrete, the chemical reaction begins and the sub-base isolation is completed.

### **CONSUMPTION**

3 kg/m<sup>2</sup>

### **PACKAGING**

In a 20 kg kraft bag, (64 pieces on a pallet, 1280 kg)

### **SHELF LIFE**

It is 1 year from the date of production in its original packaging in moisture-free and dry environments (temperature between +5 C and +25 C). The mouth of the containers should be tightly closed when not in use. It should be kept away from moisture.

### **STORAGE CONDITIONS**

It should be stored in its unopened original packaging in a moisture-free, dry and cool environment (temperature between +5 C and +25 C). It should not be left under direct sunlight.

# 290 PROFIX



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### **SAFETY**

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. Use protective gloves, glasses and clothing. In case of eye contact, consult a doctor immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

### **LEGAL NOTES**

*Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products, and it is a recommendation and this information is about correct application ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.*

*DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.*

*DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.*



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