

# GRADA BTU-FAST

## Polymer Modified Bitumen Rubber Based Two Component Waterproofing Material

Product Technical Document

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Revise :

### DESCRIPTION

Polymer modified bitumen rubber based, two component, fast curing, highly elastic, thick waterproofing coating applied by airless spray.

### ADVANTAGES

- Easy to prepare and apply. ■ Cures very quickly.
- Solvent-free, environmentally friendly. ■ Provides a seamless, complete coating. ■ It can be used on vertical and horizontal floors. ■ It adheres well to the applied surface. ■ It has high crack bridging property.

### APPLICATION AREAS

Areas exposed to ground moisture

- On base and curtain walls
- On wet areas, retaining walls
- On the protection and insulation of structures and building elements exposed to leakage water, temporary or permanent water pressure, since it is not a UV resistant product, it should be covered appropriately after application.

### Application and Consumption

Bituminous component A and liquid B component should be pressed in a suitable spray machine with a 10:1 delivery ratio. There should be at least 50 cm between the prepared surface and the spray nozzle. Since the A and B components react at the tip of the nozzle, attention should be paid to the application distance.

### TECHNICAL SPECIFICATIONS

Color	Brown (Black when dry)
Consistency	Spray
Solid Content	A : 55 % B :10%
Mixing Ratio (A:B)	10:1
Application Temperature	+5°C +35°C
Drying Time	Min. 48 Hours
Shelf Life	1 year
Elongation at break	>1500%

\* For 23°C temperature, 50% relative humidity.

### APPLICATION METHOD

#### Application Tools

Special airless spray machine.

#### Surface Preparation

The application surface must be solid, dry, clean and free from loose parts. Deep gaps on the surface should be filled with repair mortar. The inner corners and the joints of the walls should be chamfered. The application surface should be primed with a solvent-free bitumen primer and the application should be started after the primer is completely dry.

### **Consumption**

Insulation against temporary pressurized water:  
3 mm 5-5,5 kg/m<sup>2</sup>

Areas exposed to continuous pressurized water:  
4 mm 6-6,5 kg/m<sup>2</sup>

### **AFTER APPLICATION PROTECTION**

The foundation pit should not be closed until complete drying. Filling should be done after the coating is protected with appropriate thermal insulation and drainage boards.

### **STORAGE**

It should be stored in a cool and dry environment, away from direct sunlight and protected from frost. Pallets should not be stacked on top of each other, they should be shipped as first in, first out.

### **PACKAGING**

A: 200 kg B: 20 kg (220 kg/set)

### **CLEANING THE TOOLS**

Tools used should be cleaned with water before drying. Dried tools can be cleaned with solvent.

### **CONDITIONS TO BE CONSIDERED**

■Application should not be done while it is raining or when it is likely to rain.

■It should be protected from frost, sun and strong wind for the first 24 hours after the application.

■Application should be done on the part of the building that comes into contact with water.

■Because the curing of the material will be slower in cold weather, it should be ensured that the first layer is completely dry before applying the second layer.

■The application temperature must be taken into consideration. Application should be made between +5°C and +30°C air temperature.

### **WARNING**

Grada Yapi Kimyasallari San.A.S. is not responsible for the problems that may arise in case the product is used out of its intended use or the above-mentioned application conditions are not complied with.



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