

## Boydur® Akrigum Methyl Methacrylate (MMA) Based, Two-Component, Flexible, Repair and Joint Filler

### Description:

Boydur® Akrigum is a two-component, low viscosity, methyl methacrylate (MMA) based joint and repair filler that can be easily used in both indoor and outdoor environments.

### Intended Use:

- Filling expansion joints at the junction of different floor types
- Repairing floor cracks
- Loop filling material
- Rapid repair of cracks in asphalt
- Filling of floor edge joints after the repair of cover edges for easy interaction between the repair material and the floor

### Key Features and Advantages:

- MMA (Methyl Methacrylate) based
- Two-component, cures reactively with Boydur® Herter
- Applied on surfaces treated with Boydur® A10
- Quick drying time (approximately 1 hour)
- Easy to use
- Solvent-free
- Not affected by UV rays and other atmospheric conditions
- Possesses thermoplastic flexibility

### Areas of Application:

Boydur® Akrigum is a versatile product that can be used as a filler for cold joints in concrete, surface hardeners, mosaics, asphalt, and other surfaces. It is suitable for repairing fine cracks. There are two different types available for wall and floor applications (Boydur® Akrigum Liquid for floors and Boydur® Akrigum Putty for walls and floors). Boydur® A10 is applied on surfaces treated with MMA primer. Some of the main areas of use include:

- Military establishments
- Airports
- Ports, shipyards, and refineries
- Industrial areas, warehouses
- Parking lots
- Roads, bridges, viaducts, tunnels
- Ships
- Trains and metros
- Hotels, resorts
- Construction of buildings and roads



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### Technical Specifications:

- Form: Liquid
- Color: Black, gray, green, burgundy
- Viscosity: 4500-5000 m.P.a.s
- Density: 1.00 g/cm<sup>3</sup>
- Shelf Life: 6 months in a dark and dry environment at 20°C without opening the packaging
- Packaging: 20 kg

### Application Preparation:

#### Required Materials:

**Boydur® A10:** Applied to all bottom and side surfaces with a brush or roller before material application

**Finger roller or brush:** Used for Boydur® A10 application

**Trowel, spatula:** Used for spreading Boydur® Akrigum

**Sandpaper:** Used to remove unevenness and correct junction points

**Masking tape:** Used for a neat appearance of the upper surface

**Boydur® S90:** Used for cleaning application tools

**Boydur® FA Etching Agent:** Applied to the bottom surface if a surface hardener has been applied, it contains a special etching acid. The surface is damaged and roughened by the effect of the acid. Then, the bottom surface is thoroughly rinsed and the application begins.

#### Surface Preparation:

The surface to be applied must be dry, clean, and solid during application. Do not start the application without creating these conditions. If there is any oil accumulation (such as oil, etc.), dry it by burning.

#### Application:

- Mask the upper part of the prepared surface with masking tape.
- Apply Boydur® A10 to the bottom and side surfaces using a brush and roller.
- Add Boydur® Herter hardener to Boydur® Akrigum in the required ratio and mix it homogeneously for 3 minutes.
- Apply the mixture without delay after the end of the mixing.
- Spread it with a trowel and spatula. The material will dry after 1 hour of application.
- Remove the masking tape.
- Use sandpaper to smooth out junction points and level differences.
- Clean the application tools with Boydur® S90.



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### Points to Consider:

- The surface to be applied must be dry, clean, and solid.
- Do not apply before the setting time required for the material to pass in new substrates (e.g., 28 days for concrete surfaces).
- Do not mix any chemical substances into the material other than those specified in the technical data sheet. Such application will adversely affect the quality and lifespan of the material.

Boydur Akriçum

These technical information is essential for the material and its application. Our company has the right to modify this information within the framework of research and development. When a new technical data document is created, the old document becomes invalid. Our guarantee applies only to the quality of the material in applications carried out under our control.

ISO 9001,ISO14001

Kimyasal Zemin Kaplamaları-Synthetic Floors, Yol Boyaları-Road Marking Paints,  
Tamirat Mortarları-Repair Mortars,Derz Dolguları-Joint Selants,  
Yüzey Koruma Ürünleri-Surface Protection Products, MMA Reçineler-MMA Based Resins



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