

## **Boydur® Marker564 Industrial Methyl Methacrylate (MMA) Based, Two Component, Brush or Roller Application Road Marking Paint**

### **Definition:**

Boydur Marker 564 Industrial road paint is a two-component, roller and brush application road marking paint. Developed for industrial area marking with maximum load. After a short drying time (1 hour), the surface can be opened to traffic at full strength. The product is suitable for indoor and outdoor use.

### **Distinctive Features and Advantages:**

- It is based on Methyl Methacrylate (MMA).
- 1 hour after the application, the area can be opened to traffic with full strength.
- It is easy to apply.
- It is resistant to forklift traffic.
- It can be used easily indoors and outdoors.
- It is very resistant to many mechanical and chemical loads.
- Your color does not distort.
- High quality and long-lasting.
- Boytor's Chemistry Experience

### **Usage areas:**

It is preferred in areas such as floor warning signs/signs, pedestrian ways, lines, stop and slow writings, which are inconvenient in terms of occupational safety and traffic flow, especially in factory areas. Since it is easy to apply and much more durable than standard air-drying paints, the organization that uses it both provides a long-term solution and takes the safety of the area under its own control. Main areas of use:

- Factory workshop, warehouse, shipping areas, internal and external roads
- Airports
- Military establishments



- Port, shipyards
- Refineries
- shopping malls
- Parking lots,

### Technical Specifications:

**Shape:** Liquid

**Main Ingredient:** Methyl Methacrylate(MMA)

**Color:** Traffic colors in RAL standards

**Density:** 1.76 gr. /cm<sup>3</sup>

**Film Thickness:** min.1 mm.

**Usage amount (1 mm. thickness):** 1.76 kg./m<sup>2</sup>

**Shelf Life:** 6 months without opening the package of the product in a dark and dry environment at 20°C.

**Packaging:** 3kg.

### Boydur® Herter Hardener Usage Rates:

Temperature (°C)	Herter Usage Rate (% gr.)	Usage Time (Minute)	Drying Time (Minute)
+10	3	14	45
+20	2	10	30
+30	0,5	12	30
+40	0,2	11	28



**Note:** For other temperatures, increase or decrease the usage rate proportionally to the amounts in the table. We recommend making a sample in advance if necessary.

**Materials Required for Application:**

**Template:** Required for arrow, text, number applications.

**Thread, Chalk:** Line, arrow, etc. to be stenciled with masking tape. Used to locate partitions.

**Masking Tape:** Used for stenciling.

**Required Chemical Materials:**

**Boydur® A10:** It is the sub-primer to be used in the application to be made on concrete.

**Boydur® S90:** It is used to clean your drill vehicles.

**Boydur® FA Roughening Agent:** If a surface hardener has been applied on the lower surface, Boydur® FA containing a special roughening acid is applied to the lower surface. The surface is deteriorated and roughened by the effect of acid. The surface is dried and the application is made.

**Surface Preparation:**

- The surface to be applied must be dry, clean and sound during the application. Do not start the application before these conditions are established.
- If there is oil on the surface, dry it by burning. Use Boydur® repair mortars for repairs on the surface



### Application:

- The surface must be dry, clean and sound. Do not apply in cases where these conditions cannot be met.
- If you have spilled chemical materials on the ground, let us know the list of these products with their solution percentages. If necessary, it may be necessary to test the resistance of the paint beforehand by testing a hand sample in your own laboratory for a minimum of 1 month with your chemicals spilled in a container.
- In the application area, first define the drawing areas with chalk and stencil with masking tape.
- Make the necessary roughening on the concrete floors and apply Boydur A10 primer. This is not required on asphalt surfaces.
- After placing the stencils on the ground, mix the paint material in a bucket with Boydur® Herter hardener at an average rate of 1% in a homogeneous manner for about 3 minutes with a mixer at low speed and pour it onto the stenciled area without waiting. Broadcast by roll.

### Considerations:

- The surface to be applied must be dry, clean and sound.
- Do not mix any chemicals other than those specified in the technical data sheet into the paint. This type of application adversely affects the quality, quality and life of the paint.
- Do not apply on the new substrate before the setting time, which must pass after the material has been applied, has expired.



- Before mixing Boydur® Herter hardener into the paint, solve any problems that may cause problems in the application. The application time after mixing is approximately 25 minutes.
- Since the application requires experience, it is recommended to do sample work beforehand. For arrow and letter drawing dimensions, contact our company's technical team. Do not practice under the sun in very hot weather. It should be applied in the evening or in the morning.

The information in this technical sheet is essential for material and material application.

Our company reserves the right to change this information in line with research and development.

When a new technical sheet is created, the old technical sheet loses its validity.

Our guarantee is only valid for the quality of the material in the exercises performed outside of our control.

