



# MAGISTRAL

RELIABLE TRANSPARENCY

**GUIDELINE OF GUN-PORTS  
INSTALLATION  
THE SAFETY LAMINATED GLASSES  
MANUFACTURED BY  
MAGISTRAL LTD**

## **1. Preparation of the glass before gun-port installation**

Perform the visual inspection of the glass to be sure it complies with quality conditions given in the product certificate of compliance. If any discrepancies are found stop the work process and contact responsible person (master of the area, head of the area etc.).

Cover the external and internal glass surfaces with protective coating to avoid scratches on the glass.

Degrease all glass surfaces contacting with the gun-port by coarse calico napkin, moistened with ethyl alcohol.

Apply the primer to the degreased surface. Hold for 10-15 minutes at the room temperature (20-25°C) for drying.

## **2. Preparation of the gun-port before installation**

Preparation of the gun-port shall be performed in compliance with gun-port manufacturer's recommendations.

## **3. Installation tips**

Diameter of the hole should be 4-5 mm bigger than diameter of the gun-port body.

To keep the safety properties and bulletproof warranty according to the protection level specified it is recommended that external flange of the gun-port overlaps glass surface for 15-20 mm and internal flange – for 12-15 mm.

To keep the gap between the glass and gun-port surfaces not less than 2-3 mm it is recommended to install rubber gaskets with thickness equal to 2-3 mm (in compressed condition).