



## Precision and maintenance of the marble platform

### 1. accuracy

Flatness: high precision marble platform needs to have extremely high flatness, usually requires the error in the micron level.

Stability: The thermal expansion coefficient of marble is low, less affected by the temperature, and it is suitable for high precision measurement.

Processing technology: the accuracy depends on the processing technology, advanced equipment and technology can ensure a higher accuracy.

### 2. Maintenance

Cleaning: Clean the surface with soft cloth and neutral detergent to avoid acidic or alkaline detergent.

Protection: Avoid hard object collision and prevent scratch or damage.

Moisture-proof: keep dry, avoid long-term exposure to wet environment, prevent deformation or cracking.

Regular inspection: regular inspection of flatness, and professional repair if necessary.

### 3. Impact of maintenance on accuracy

Cleaning: Keeping it clean can prevent the dirt from affecting the measurement accuracy.

Protection: Avoid collision and scraping helps to maintain platform flatness. Moisture-proof: moisture-proof measures can prevent deformation and ensure long-term accuracy.

Inspection: Regular detection and repair can correct the accuracy deviation in time.

Conclusion: The accuracy of marble platform depends on high quality processing and strict maintenance, and regular cleaning, protection, moisture-proof and inspection are the key to maintain high precision.