

Kinetic Wall

History of the project

The system devised by JEIL Louvers uses a proprietary channel and kinetic panel, fixed with rivets on the upper part of the kinetic panels. These channels and kinetic panels are crafted at a specific angle, limiting the movement of the panels to create a wave-like effect when they move. The folded edges of the panels and the channel joints are concealed inside, ensuring that the fastening points are not visible from the front, which enhances the overall aesthetic appeal.

In terms of design trends, many innovative and luxurious designs are being developed. Kinetics, influenced by various directional winds and external stimuli from nature, feature numerous cells that move in diverse ways. This movement, dictated by the fundamental weight of the metal and the designed angles, doesn't result in a 'flapping' motion but rather projects the

Category: Art, Shopping, Other

Location: Exterior and interior applications

Environment: Park side, Urban

Use: wall finishing and sunken space

Material: Stainless Steel
Grade 304-PANEL
PosMAC 3.0 -1.6 mm
Kinetic panel
Aluminum

Artist and fabricator: Jeil Louver

Manufacturer: Jeil Industry

serene beauty of waves on a tranquil lake. It's a dynamic wall system that can change with the wind or external stimuli, rather than a static system that remains still.



Locations

- Paradise City in Yeongjongdo - Outdoor Plaza
- POSCO Center - Outdoor Sunken Plaza
- Banpo River Park - Exterior Walls
- MBC Empty House Project - Interior Walls



Why was stainless steel chosen?

The elegance and excellence of using metal in architecture have already been proven. Building on this foundation, JEIL Louvers' kinetic system adds dynamism to structures with a wall composed of numerous cells designed to move with the natural wind. The system's durability is verified using stainless steel and PosMAC steel. Additionally, its pre-fabricated form shortens on-site construction time.



| Kinetic Wall. Pictures courtesy of POSCO