

GIKEN IMPLANT STRUCTURE

The Implant Structure consists of robust and durable structural members which are firmly embedded into the ground by the Press-in Method. The structural members are selected from a wide variety of piling materials in accordance with design requirement, thus, the Implant Structure can cover a wide range of foundation designs required in today’s construction industry. Also, being embedded into the ground, the Implant Structure is extremely resilient and maintains its serviceability even in extreme events, such as natural disasters. Traditional gravity structures are commonly used worldwide as they are simply constructed by “seating” on firm ground. However, they are quite vulnerable to dynamic loads caused by floods, wave actions, earthquakes and tsunamis.

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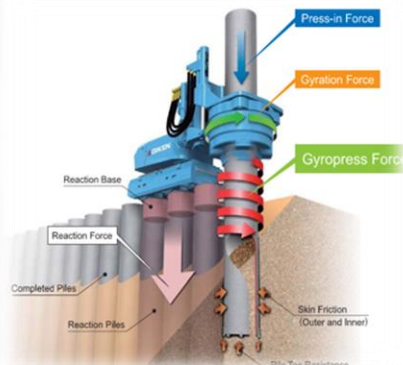


Implant Wall

Gravity Wall

Tsunami Testing

- Base Reaction System
- Free of Temporary Works
- Piling on Existing Structures
- No Noise & No Vibration



Contact: project@giken.com



Mr. Funahara



Mr. Ndoye



Mr. Kitano



Ms. Komiya