

# Z-Profile Steel Sheet Pile for Earth Retention

These Z-profile sheet piles are engineered for robust earth retention in civil engineering projects. They feature interlocking connections for watertight seals and are corrosion-resistant.



## Product Overview

### Professional Earth Retention Solution

These cold-rolled Z-profile steel sheet piles provide a versatile and robust solution for civil engineering projects including cofferdams, flood defense, and earth retention. Engineered for high load-bearing capacity while maintaining a lightweight structure, these piles offer excellent reusability and operational flexibility. Manufactured to meet international standards, they ensure reliable performance for complex site requirements.

## Technical Standards

Standards & Certifications	EN 10249, YB/T4180-2008, LW/T01-2003
Available Steel Grades	S355JOH, S355J2H, Q235, Q345B

## Performance Features

### Key Advantages

- Simple construction and short assembly periods
- High bearing capacity with lightweight design
- Environmentally friendly profile
- Suitable for multiple reuses
- Flexible length and specification options

## Dimensions

### Dimensional Range

**400 mm**

Min Width

**670 mm**

Max Width

**8 mm**

Min Thickness

**14 mm**

Max Thickness

### Standard Section Dimensions

Section Type	Width (mm)	Height (mm)	Thickness (mm)
CSP1	550/500	150	8-14
CSP1-B	400/350	100	8-12
CSP1-D	515/250	150	8-14
CSP2	630/575	210	8-14
CSZ1	670/630	380	8-12