

SOIL RETENTION /

DURISOL RETAINING WALLS



ATTRACTIVE RETAINING WALLS MADE OF DURABLE, FIELD-PROVEN
DURISOL MATERIAL

Durisol retaining walls are post and precast panel retaining wall systems with posts typically located on 12 ft (3.65m) or 15 ft (4.56m) centres. They can be incorporated into integrated noise/retaining walls or integrated traffic barrier/retaining wall systems. Absorptive or reflective textures and colours can be coordinated with associated noise walls.

All Durisol retaining walls are engineered in-house and specify the required steel post sections and the depth and diameter of footings to handle the retaining loads for individual projects.

TYPICAL APPLICATIONS

- Road and rail rights-of-way
- Breast walls
- Residential and industrial land reclamation
- Wing walls
- False abutments

Post and panel design

Simplifies installation and removal

User friendly

Minimal excavation and backfill requirements

Durisol's post and panel design allows unique flexibility in sequencing wall construction with other site activities. If required, a retaining wall can be built completely before backfill and compaction has been started.

DURISOL ANCHORED RETAINING WALL SYSTEMS



Handles retaining loads through the use of steel straps attached to the back of wall panels

Wall height

Typically used for heights up to 11m

Custom made

Engineered in-house to specific project requirements

Rapid installation

Can be completely built before backfill and compaction begins

DURISOL NARROW FOOTPRINT RETAINING WALL SYSTEM



Requires no straps and minimal excavation/backfill area

Wall height

Typically used for heights of 3m to 4m. Economical for wall heights up to 4m.

Ideal for restricted spaces

Suitable for areas that do not permit use of a mechanically stabilized solution behind the wall

No straps

Reduces conflicts with underground utilities, simplifies removal