

## STONESTRONG AUSTRALIA PILED WALL & BRIDGE ABUTMENT BOX BLOCK SYSTEM

- Standard 2.44m long Stonestrong block detailed for placement around 760mm to 1200mm diameter piles at pile centres between 2.3 and 2.6m.
- Provides significantly more cost effective retaining alternative than panels slotted into piles – smaller diameter piles (760mm, 900mm, 1050mm) can be used due to more efficient pile reinforcing steel detail.
- Lateral soil loads are transferred onto pile through outer block wings; annulus between pile and block is grout filled.
- Box blocks can be used as MSE blocks with Stoneweb reinforcement in combination with gravity retaining wall design on lower height or upper parts of retaining structure.
- Blocks can be left hollow to save on backfill material costs and can be used multiple times in sequential temporary structures due to robust construction.

