



Hinged Edge Mattress Physical Modelling

HINGED EDGE MATTRESS

Heavy hinged blocks are engineered to be stable in the propeller flow and to drop as the bed scours. This prevents underscour of the mattress and maintains the scour protection performance of the continuous concrete mattress slab.

ADVANTAGES: -

- No rock required
- Simpler construction – uses same plant as mattress
- Heavy edge blocks cannot be lifted by flow
- No heavy lift or specialist plant required