

Constant Thickness Mattress



Proserve Ltd.

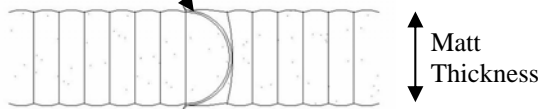
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Fabriform

CT Matt Weir Protection

Ball & Socket Joint
Sewn or Zipped



System produces reliable concrete slabs underwater to sloping or level areas.

Mattress	Av. Thickness
CT80	80 mm
CT110	110 mm
CT150	150 mm
CT200	200 mm
CT220	220 mm
CT350	350 mm

Containment Linings to :-

Canals
Weirs
Bunds
Lagoons

Propeller Scour Protection to :-

Docks
Harbours

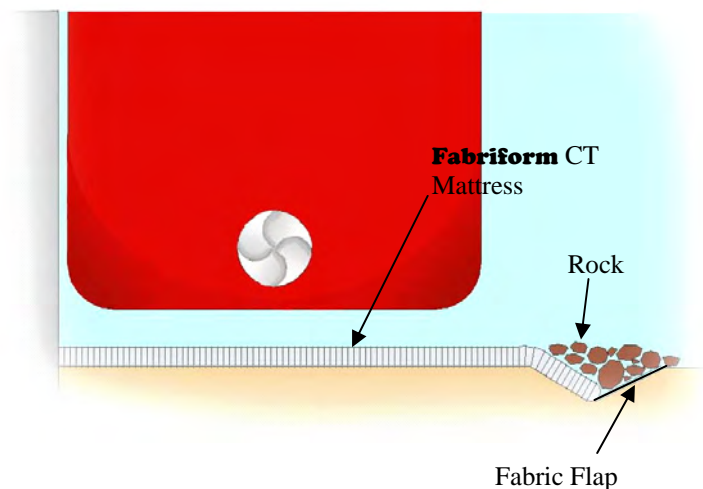
For larger projects, other thicknesses can be purpose woven up to 500 mm thick.

Matts are normally pumped filled underwater by divers with a fluid 2:1 sand:cement micro concrete mix of typical strength 30-40 N/mm²

Current Scour Protection, Bridge Aprons etc. (suitable for flows up to 7 m/s, Manning's 'n' approximately 0.0016)

A limited degree of permeability can be introduced with through sleeves or filter points.

Scour protection mattress thickness is normally determined by propeller suction pressure (Design guide available)



Typical Propeller Scour Protection Detail