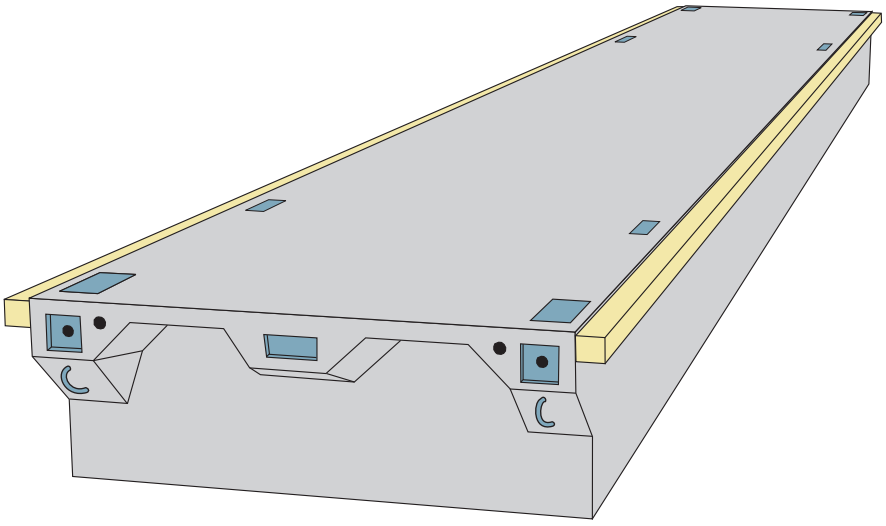
Breakwater 3800

The **Breakwater 3800** is a massive and extremely strong concrete pontoon. Carefully calculated structural design ensures exceptionally effective wave attenuation properties, making it the right choice in demanding environments. The floats are connected by flexible rubber and steel joints. The construction is very strong and maintenance free, ensuring a long service life. The breakwater can be moored either by chain or Seaflex.



TECHNICAL DATA

Concrete strength: 45 N/mm^2 watertight, steel reinforced plastic fibre concrete. Exposure class according to European EN 206-1 standard.

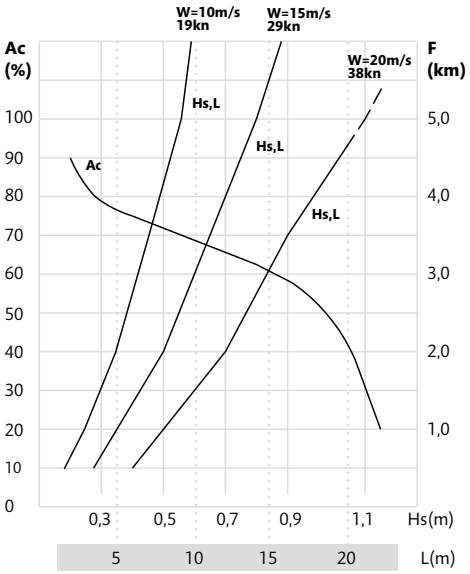
Core: Expanded polystyrene, density 15 kg/m^3

Reinforcement: Partly or fully hot dip galvanised or stainless steel

Optional accessories: Concrete coatings, wooden deck, fixing rails, cable ducts and fenders (timber or plastic)

WAVE ATTENUATION CAPACITY

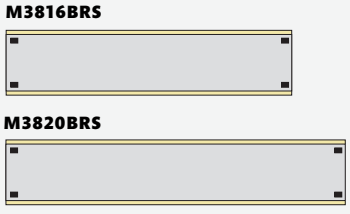
Sheltered sea conditions



F=Effective fetch lenght. **W**=Wind velocity.
L=Wave length. **Hs**=Significant wave height.
Ac=Wave attenuation capacity.

FLOATS	M3816BRS	M3820BRS
Length (m)	16,05	19,90
Width with fenders (m)	3,8	3,8
Concrete width (m)	3,5	3,5
Height (m)	1,2	1,2
Weight (t)	31,5	39,3
Net capacity (kN/m^2)	6,1	6,1
Freeboard (m)	0,61	0,61
Strength of joint (kN)	2x812	2x812
Joint gap (mm)	90	90

LAYOUT



Exact unit weight and freeboard are subject to detailed specification of the unit, equipment and mooring methods.

Marinetek operates a policy of continuous development and reserves the right to change specifications without notice.

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MARINETEK GROUP

Vattuniemenkatu 3
FI-00210 Helsinki, Finland
WEB www.marinetek.net

TEL. +358 (0)9 682 4100
FAX +358 (0)9 682 41030
EMAIL info@marinetek.net

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More than Surface