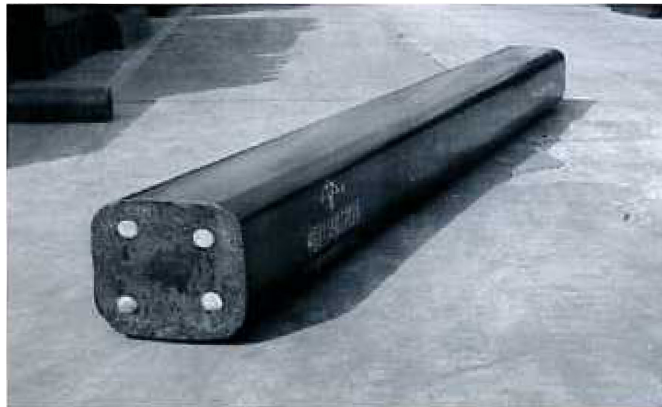


### Plastic Fenders

Plastic fenders are made up of a type of protection material, replacing the wood, mainly applicable in the fields such as dock guard, piling, railway sleeper and sea-raising enclosure, etc.

The inside is formed by metal rods of different thicknesses, depending on the size of the fenders, covered by a plastic material, which in this case is basically polyethylene resin (or polypropylene), recycled polyethylene resin (or polypropylene), processing and anti deteriorating additives, etc.



## FEATURES

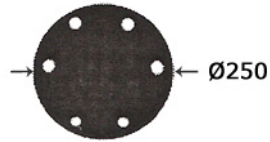
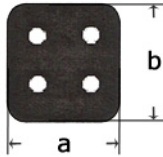
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The core attributes of plastic fenders are:

- High Strength.
- Erosion-proof.
- Aging-proof.
- Long service time.
- Easy installation.
- Applicable in more and more areas.

The raw material for the manufacturing of plastic fenders is basically polyethylene (or polypropylene) resin, recycled polyethylene (polypropylene) resin, processing and anti deteriorating additives.

## Plastic Fenders



Possibility of manufacture of fenders in other dimensions than the proposed.

Specifications	300 x 300	250 x 250	200 x 250	200 x 300	250 x 300	200 x 150
a (mm)	300	250	200	200	250	200
b (mm)	300	250	250	300	300	150

<b>Density (ASTM D792)</b>	Outer layer	0.9~1Kg/dm <sup>3</sup>
<b>Density (ASTME12)</b>	Outer layer	0.6~0.8Kg/dm <sup>3</sup>
<b>Water Absorption (ASTM D570)</b>	Outer layer	0 Ø
	Outer layer	Increase 0.45%~0.55% in two hours Increase 2.35~2.5% in 24 hours
<b>Hardness</b>	Outer layer	40~60 (grades)
<b>UV-proof (ASTM D4392B)</b>	Outer layer (Inner layer)	No obvious in colour and uniformity surface material while Shore A variation within 10% under 500 hours UV-Prof testing.
<b>Sea water proof (ASTM D543)</b>	Outer layer (Inner layer)	Weight increase 1.05% Thickness increase 0.85% Diameter increase 0.38%