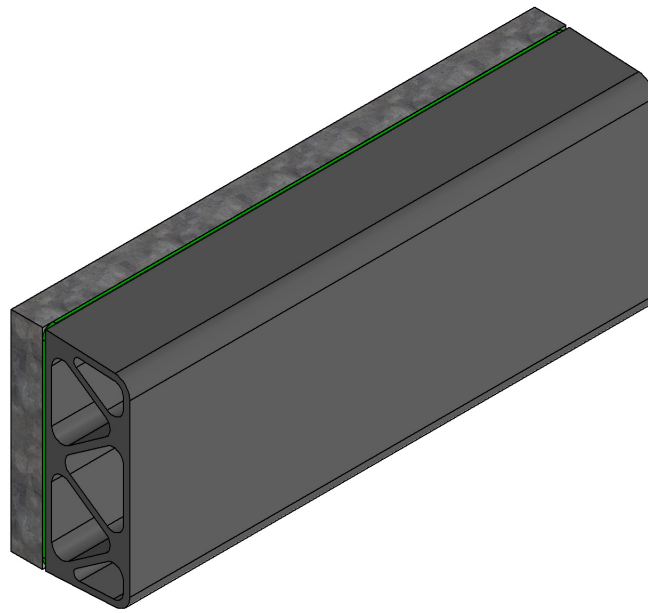


A new alternative to Rubber Fendering

- 50% Lower Weight
- Non Marking
- Can be bonded or mechanically fixed
- 6 methods of fixing
- Greater resistance to abrasion
- Higher tensile and tear strength
- Colours available



The **FENDERIT** product range is a new wave of fender design and manufacture. Born out of 25 years of fender design experience, the **FENDERIT** range utilises the most efficient process technology to enable manufacturing with minimal waste, maximum performance, durability and weight reduction.



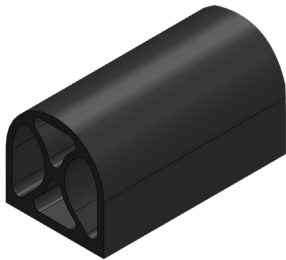

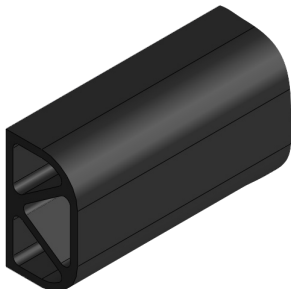
FENDERIT features:

- Abrasion resistance, tensile strength and tear resistance properties are superior to alternative fender technologies
- Innovative internal energy absorbing structure
- Lightweight high performance polymer construction
- Between 1/2 and 1/3 the weight of an equivalent rubber profile
- Non-Marking single material construction
- Unitised production. All straight lengths are manufactured to 2500mm enabling lengths to be cut as required
- Custom bow, corners and end features can be supplied
- Multiple fixing options include bonding, mechanical fixing and strapping to suit your requirements
- Compressive strength of Profile can be varied where specific performance requirements are required
- Standard colours: black, orange and yellow. Custom colours on request
- Sophisticated and consistent manufacturing process enables tight weight and performance tolerances to be achieved

FENDERIT benefits:

- Standard and Custom profiles developed to suit your needs
- Installation assistance and services
- Repair and maintenance services
- Price competitive compared with alternative fendering solutions
- Unitised production enables fender lengths to be held in stock or available on short lead times when spare/replacements are required rapidly
- Sustainable and efficient manufacturing process minimises material waste
- End of life recyclable

FENDERIT[®] - STANDARD PRODUCT RANGE

PRODUCT REFERENCE	BASE WIDTH (mm)	HEIGHT/ DEPTH (mm)	WEIGHT PER LINEAR METRE (kg)	
ROUND D-PROFILE				
BWF05008001	50	80	2.5	
BWF10010001	100	100	4.5	
BWF15015001	150	150	9.3	
BWF20020001	200	200	16	
BWF25025001	250	250	25	
BWF30030001	300	300	36	
BWF35035001	350	350	49	
FLAT D-PROFILE				
BWF10005001	100	50	3.5	
BWF15007501	150	75	5	
BWF20010001	200	100	7	
BWF20011501	200	115	8.5	
BWF25012501	250	125	9	
BWF30015001	300	150	11.5	
BWF35517801	355	178	12.5	
RECTANGULAR PROFILE				
BWF10006002	100	60	2.5	
BWF15010002	150	100	6	
BWF16606002	166	60	4.5	
BWF20008002	200	80	6.5	
BWF20009602	200	96	7	
BWF20014502	200	145	9	
BWF25012502	250	125	9	
BWF29608002	296	80	9	
BWF30012002	300	120	10.5	

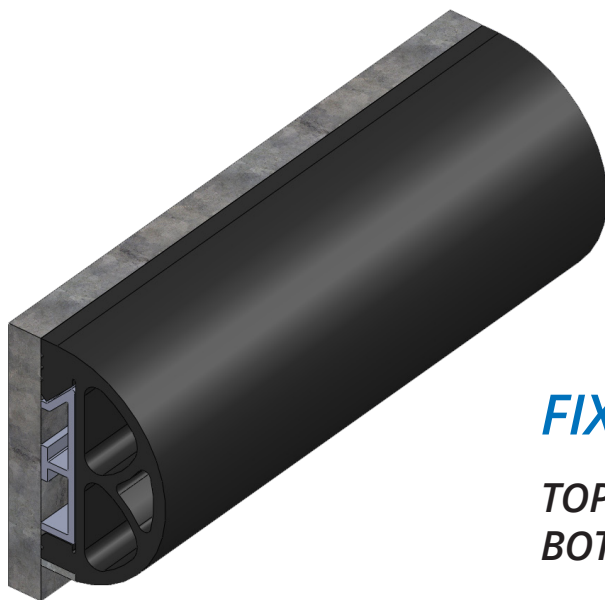
FENDERIT[®] - MATERIAL PHYSICAL PROPERTY DATA

Compared with Typical Rubber Properties

	UNITS	TEST METHOD	FENDERIT HIGH PERFORMANCE POLYMER	TYPICAL RUBBER
MATERIAL DENSITY	kg/cu.m.		1100	1200
SHORE HARDNESS	Shore A Scale		90	70-78
TENSILE STRENGTH	mPa	BS903ptA2-ISO37	29.3	11.0-13.0
ELONGATION AT BREAK	%age	BS903ptA2-ISO37	550	280
COMPRESSION	%age	BS903ptA6-ISO815	34	25-30
RESILIENCE	%age	ASTMD2632-92	55	
TEAR STRENGTH	KN/m	BS903ptA3-ISO34-1	96.7	35-60
ABRASION LOSS **	cubic mm	DIN53516	23	150-180

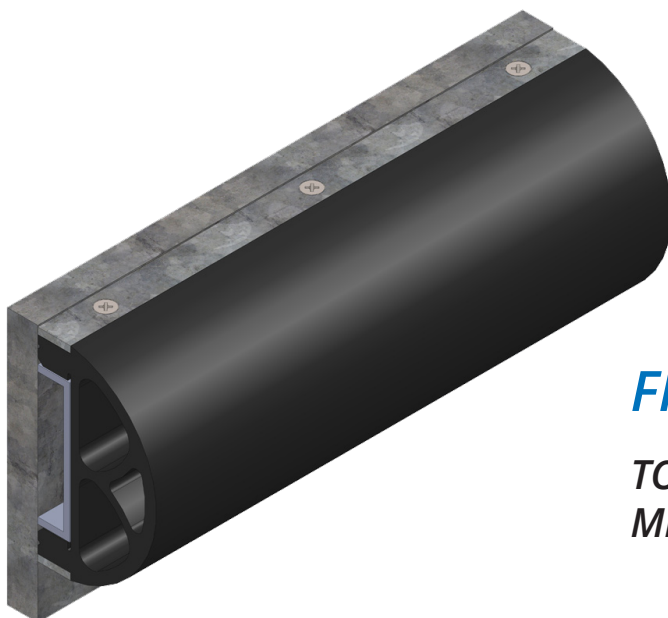
** For Abrasion Loss, the lower the stated figure, the better the wear/abrasion resistance is.

FIXING OPTIONS



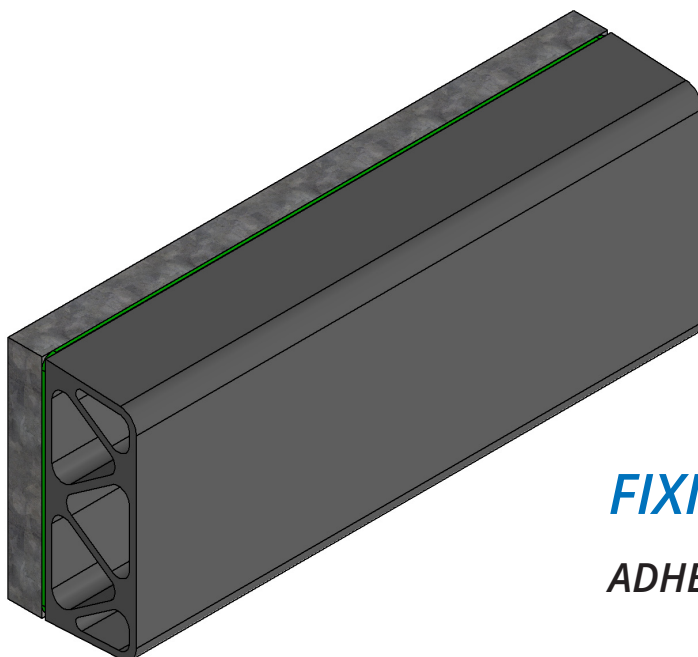
FIXING METHOD 1

TOP HOOK CONNECTION WITH
BOTTOM MECHANICAL FITTING



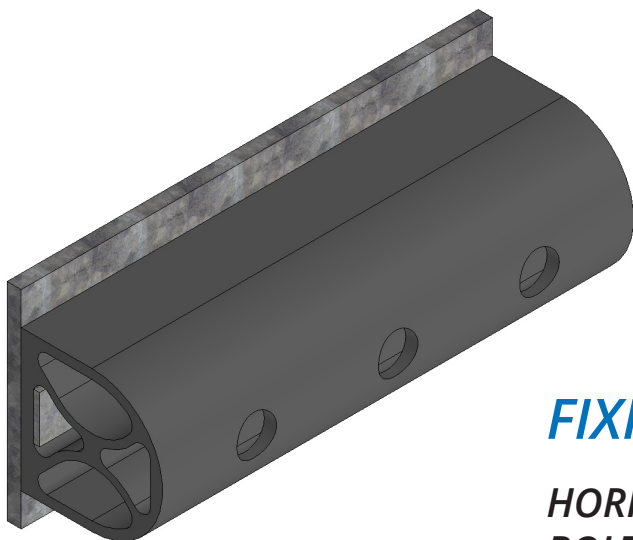
FIXING METHOD 2

TOP AND BOTTOM
MECHANICAL FIXING



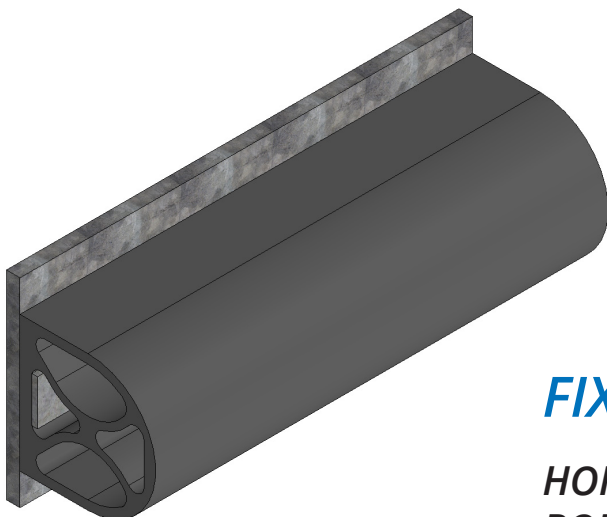
FIXING METHOD 3

ADHESIVE BONDING



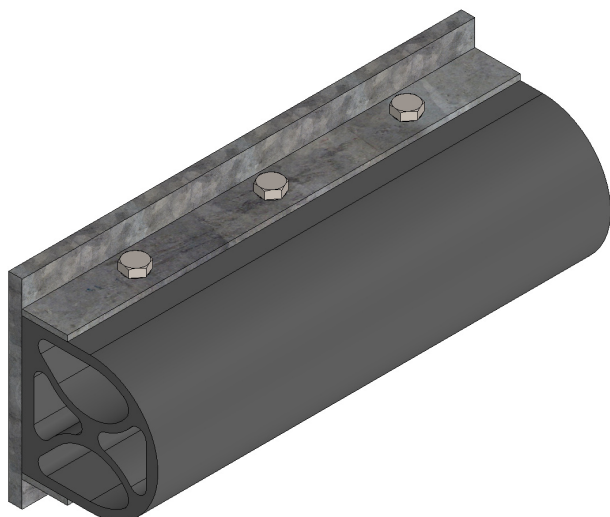
FIXING METHOD 4

**HORIZONTAL THROUGH
BOLT FIXING (FRONT FACE)**



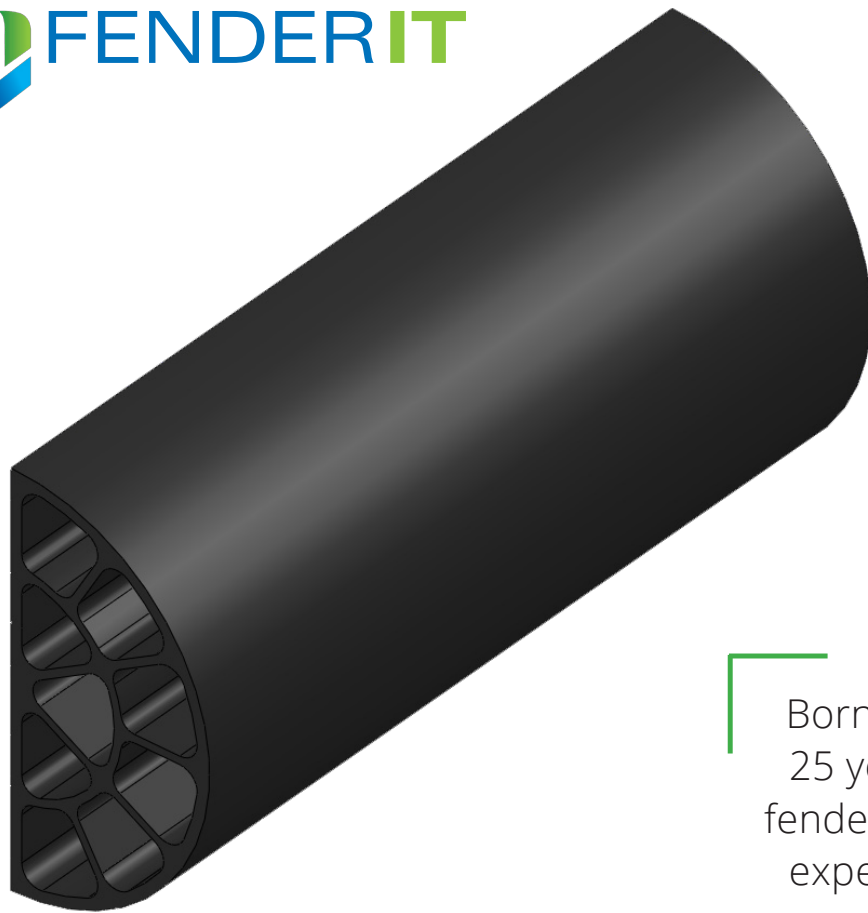
FIXING METHOD 5

**HORIZONTAL THROUGH
BOLT FIXING (BLOCK FACE)**



FIXING METHOD 6

**VERTICAL THROUGH
BOLT FIXING**



Born out of
25 years of
fender design
experience

Applications:

- Commercial Vessels, particularly those with aluminium or composite hulls

Examples include:

*Crew Transfer Vessels • Pilot Boats
Tugs • Patrol Boats • Lifeboats
Fishery Vessels*

- Luxury Yachts and Tenders
- Inland waterways
- Harbour & marina pontoons
- General Impact Protection
- Quayside jetties and wharves

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