



Black Bar™ - Basalt Fibre

- Made of 100% crushed Basalt, a type of volcanic rock
- The rock is melted at 1600°C and then extruded
- Naturally resistant to external influences
- Non corrosive, non magnetic, non conductive
- 4 times lighter than steel
- Used for concrete reinforcement

ADVANTAGES

- Resistant to extreme temperatures
- Increases elasticity to make concrete more resistant to impact
- Non-corrosive
- Prevention of early crack formation
- Resistance to alkali and acids
- Light weight
- Natural product

TECHNICAL PARAMETERS

BASALT PROPERTIES	
Melt Temperature	1450°C
Density	2.6 - 2.8 g/cm ³
Modulus of Elasticity	70 GPa
Moisture Absorption	< 0.1% T
Diameter	13µm
Tensile strength	1000 Mpa

PRODUCT AVAILABILITY		
Length	Strength	Material
5 mm	1000 MPa	Basalt fibre
12 mm	1000 MPa	Basalt fibre
20 mm	1000 MPa	Basalt fibre
30 mm	1000 MPa	Basalt fibre
36 mm	1000 MPa	Basalt fibre