




# JBL Manado DARK

Dark natural substrate for aquariums

Suitable for: 



- Perfect for the plant care in freshwater aquariums. Its porous structure promotes the growth of roots. Suitable for digging fish
- Nutrient buffer with high iron content. Is capable of storing excess nutrients, to release them again when needed. The high iron content is absorbed by plant roots
- Activates the soil flora by motivating the quick and effective colonisation of beneficial ground bacteria. This inhibits the growth of unwanted algae, reducing the work-load on the filter and ensuring crystal-clear water
- Accentuates the beauty of the fish: its dark-brown tone highlights their colours and combines with the green and red tones of the aquatic plants to create a harmonious appearance
- Ready-to-use substrate which needs to be rinsed once in tap water before use. Available in various packaging sizes



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## Product information

### Successful plant care:


The natural substrate activates the soil flora and is ideal for plant care. The nutrient buffer with battery effect (releases nutrients until it is depleted and can be reloaded through new fertilisation) is water-neutral and rounded. As a result it is ideally suited for digging fish species, such as cat fish and loaches.

### Combination with long-term nutrient substrate:

A supplement with JBL ProFlora AquaBasis plus as long-term nutrient substrate with JBL Manado Dark as a covering layer guarantees vigorous and healthy plant growth even for very demanding plants.

### Use:

Rinse briefly with lukewarm tap water before use to remove any abrasion rubbed off during transport.

Further information	
FAQ	✓
Blog	✓
Press	✓
Laboratory/calculator	✗
Worth reading	✓
Spare parts	✗
Video	✓
GarantiePlus	✗
Instructions	✓
QR code	





# JBL Manado DARK



## Product details

Article data			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
EAN number	4014162670359	4014162670366	4014162670373
EAN as barcode			
Content	3 l	5 l	10 l
Graining	1,5-2,5 mm	1,5-2,5 mm	1,5-2,5 mm
Expiry months	-	-	-
RRP incl. VAT	13,95 €	20,94 €	27,81 €
Base price	4.65 €	4.19 €	2.78 €
Nominal filling quantity	3 l	5 l	10 l
Base quantity	1 l	1 l	1 l
Gross weight	2485 g	4131 g	8245 g
Net weight	2460 g	4100 g	8200 g
Weight change	-	-	-

Disposal			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
Green dot	✓	✓	✓
Group electronic waste	-	-	-
Disposal weight	-	-	-
Battery type	-	-	-
Battery return	-	-	-
Battery rechargeable	-	-	-
Disposal weight battery	-	-	-
Non-returnable glass	-	-	-
PPK	-	-	-
Plastic small	25 g	31 g	-
Plastic large	-	-	45 g
Disposal weight metal	0 g	0 g	0 g

Features			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
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Features			
Animal species	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish
Animal size	For all animal sizes	For all animal sizes	For all animal sizes
Animal age group	All aquarium fish	All aquarium fish	All aquarium fish
Volume of habitat	15-30l (15-30cm)	10-60l (20-60 cm)	60-200 L (60-100cm)
Material	Expanded clay	Expanded clay	Expanded clay
Food type	-	-	-
Colour	dark brown	dark brown	dark brown
Dosage	see instruction manual	see instruction manual	see instruction manual
Transport conditions	-	-	-



# JBL Manado DARK

Electronic label / illuminant			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
Ambient temperature	-	-	-
Start time	-	-	-
Mercury	-	-	-
Tube length	-	-	-
Service life	-	-	-
Lumen	-	-	-
CRI value	-	-	-
Dimmable	-	-	-
Switching cycles	-	-	-
PAR value	-	-	-
Energy efficiency class	-	-	-
UV-A	-	-	-
UV-B	-	-	-
UV-C	-	-	-
Colour temperature	-	-	-
Base designation	-	-	-

Technical data			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
Range in litres	-	-	-
Range from - to	-	-	-
Range in days	-	-	-
Range tank length	-	-	-
Output in watts	-	-	-
Output per hour	-	-	-
Output per day	-	-	-
Height	310 mm	375 mm	400 mm
Length	300 mm	290 mm	385 mm
Width	33 mm	47 mm	70 mm
Diameter	-	-	-
Voltage	-	-	-
For	-	-	-
T8 26mm (watt)	-	-	-
T5 16mm (watt)	-	-	-
Size	-	-	-
Content for	-	-	-
Filter container volume	-	-	-
Volume filter media	-	-	-
Hose connections pressure/out	-	-	-
Hose connections suction/in	-	-	-
Delivery head	-	-	-





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Food type	-
Sub product type	-
Dosing	see instruction manual





## Additional information for the specialist trade sector

Article data			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
VAT	19%	19%	19%
Sales unit (SU)	6	3	1
Volume packaging	3.9l	6.5l	13.4l
Dimensions (l/w/h)	320 mm/310 mm/40 mm	375 mm/290 mm/60 mm	410 mm/385 mm/85 mm
Layer	54	27	8
Pallet	270	135	88
Category of products	2	2	2
Customs tariff	68062010	68062010	68062010
Country of origin	NO	NO	NO
Type of packaging	Bag / sack	Bag / sack	Bag / sack

PU 1 data			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
PU 1 material	cardboard gr	cardboard gr	None
PU 1 weight	614 g	614 g	-
PU 1 length	400 mm	400 mm	-
PU 1 width/depth	255 mm	255 mm	-
PU 1 height	190 mm	190 mm	-

PU 2 data			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
PU 2 material	None	None	None
PU 2 weight	-	-	-
PU 2 length	-	-	-
PU 2 width/depth	-	-	-
PU 2 height	-	-	-

Trade data			
Product name	JBL Manado DARK 3 l	JBL Manado DARK 5 l	JBL Manado DARK 10 l
Art. No.	6703500	6703600	6703700
Till receipt text	Manado Dark 3l	Manado Dark 5l	Manado Dark 10l
Shelf placement	Substrates	Substrates	Substrates