



# 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 |
| Art. No.     | 6703500             | 6703600             | 6703700              |



| 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                 | -                   | -                   | -                    |



# JBL Manado DARK

|                  |                        |
|------------------|------------------------|
| Food type        | -                      |
| Sub product type | -                      |
| Dosing           | see instruction manual |





## Additional information for the specialist trade sector

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