

Marine Crystal

Enriched Sea Salt

Superior salt formulation for reef and marine aquariums.
Zero Nitrate. Zero Phosphate.

Ionic Composition at 35ppt (Natural Seawater Salinity)

Ion : Concentration in mg / L

KH : 180ppm for a salinity of 1024

Calcium : 450 | **Magnesium** : 1360

Potassium : 400 | **Strontium** : 11.1

RevoReef® MARINE CRYSTAL synthetic sea salt is specially formulated for closed reef systems and is enriched with an additional measure of components essential to reef hobbyists :

- Additional Calcium
- Additional Trace Elements
- Additional Strontium
- Additional Magnesium
- KH Buffers

Mixing Instructions

- Mix MARINE CRYSTAL with dechlorinated water. RO or DI water is preferred.
- Use a calibrated Salinity Refractometer to measure salinity.
Recommended specific gravity range for reef tank with hard coral : 1.024 at 24°C.

Important

- Never mix salt in an aquarium containing animals.
- Contact in dry form may cause skin or eye irritation.
In case of contact, flush immediate with plenty of water.
- Keep out of reach of children.
- Not for human consumption.



20KG

Ionic Composition at 35ppt (Natural Seawater Salinity)

Ion	KH	Calcium	Magnesium	Potassium	Strontium
Concentration in mg/L	180ppm for a salinity of 1024	450	1360	400	11.1

Code No

RRS0007

Description

Marine Crystal Enriched Sea Salt

Weight

20kg

Packing

Individual



RevoReef®



pH Buffer 8.1-8.4

3DM Reef Sand

Pest Free, Bacteria Free, Parasite Free, Virus Free, Eco Coral Sand

RevoReef® 3DM Reef-Sand is a revolutionary mineral-based eco 'coral-sand' recommended for the eco-friendly aquarist seeking the ultimate pest-free, bacteria-free, parasite-free, virus-free marine 'coral-sand'.
100% safe and 100% ready to use.



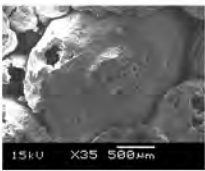
RevoReef® 3DM REEF-SAND

pH : 8.1 – 8.4
Surface Area/Volume : 2550m²/L (effective surface area)
Spatial Aperture Range : Micro (0.10 - 10µm), Medium (10-500 µm), Large (0.1 – 3mm)

RevoReef® 3DM Reef-Sand is a revolutionary mineral-based eco 'coral-sand' recommended for the eco-friendly aquarist seeking the ultimate pest-free, virus-free marine 'coral-sand'. 100% safe and 100% ready to use.



Cross section showing cavities.



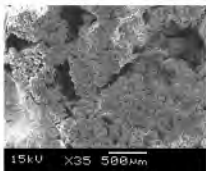
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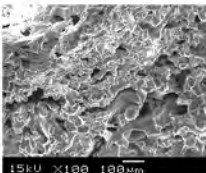
0.1-3mm large cavity



x 35



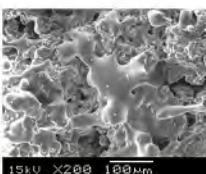
0-500µm medium cavity



x 100



0.1-10µm micro cavity



x 200

What are the advantages of RevoReef® 3DM REEF-SAND?

- Environmentally green product. An environmentally friendly alternative which replaces the need to harvest natural coral-sand from coral reefs, preserving them for our future generations.
- Reef Aquarium safe. 100% sterile, virus-free, hitchhiker/pest-free and can be used immediately thus saving time.
- pH Buffer. Buffers pH at 8.1-8.4; suitable for marine fish and corals.
- Rich in minerals and trace elements. Contains essential minerals and trace elements that are important to coral growth and marine fishes. Main elements include CaCO₃, MgCO₃ and Mn.
- Acts as a buffer. Advanced manufacturing technology that slowly release minerals and trace elements thus effectively buffering aquarium water parameters.
- Largest Effective Surface Area. BET Method surface area analysis has determined the effective surface area of RevoReef® 3DM Reef-Sand to be in the range of 1000m² – 2000m²/litre, far surpassing natural coral-sand.

IMPORTANT

3DM Reef-Sand is only for use in Marine aquariums, it must not be used in freshwater aquariums.

INSTRUCTIONS

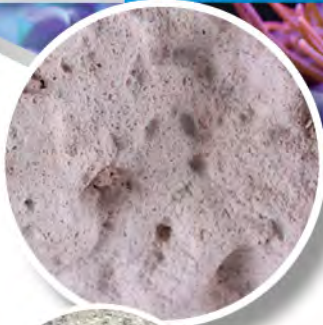
Please rinse 3DM Reef-Sand before use.



Code No.
RRA0001

Specification
Eco Coral Sand - 5kg (approx. 4L)

Packing
4 bags/carton



RevoReef®

3DM Reef Rock

Pest Free, Bacteria Free, Parasite Free, Virus Free, Eco Liverock



RevoReef® 3DM Reef-Rock is a revolutionary mineral-based artificial 'live-rock' recommended for the eco-friendly aquarist seeking the ultimate pest-free, bacteria-free, parasite-free, virus-free marine 'live-rock'. 100% safe and 100% ready to use.

3DM® Reef Rock-White



3DM® Reef Rock-Red



3DM® Reef Rock-Coralline Red



Creating your dream scape is easy!



3DM Reef-Rock looks natural after a few months.



OCT 2021



MAR 2022



5 months SPS Corals growth in RevoReef® 3DM Reef-Rock only Reef Tank.

5 months old setup mixed with natural & RevoReef® 3DM Reef-Rock.

RevoReef® 3DM REEF-ROCK

pH	: 8.1 – 8.4
Surface Area/Volume	: 2550m ² /L (effective surface area)
Spatial Aperture Range	: Micro (0.10 - 10µm), Medium (10-500 µm), Large (0.1 – 3mm)

RevoReef® 3DM Reef-Rock is a revolutionary mineral-based artificial 'live-rock' recommended for the eco-friendly aquarist seeking the ultimate pest-free, virus-free marine 'live-rock'. 100% safe and 100% ready to use.



Cross section showing cavities.



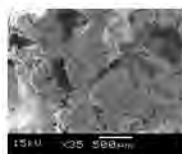
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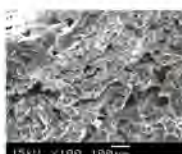
0.1-3mm large cavity



x 35



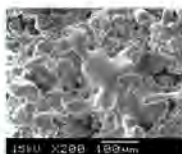
10-500µm medium cavity



x 100



0.1-10µm micro cavity



x 200

What are the advantages of RevoReef® 3DM REEF-ROCK?

- Environmentally green product. An environmentally friendly alternative which replaces the need to harvest natural live-rocks from coral reefs, preserving them for our future generations.
- No curing required. 100% sterile, virus-free, hitchhiker/pest-free and can be used immediately thus saving time.
- pH Buffer. Buffers pH at 8.1-8.4; suitable for marine fish and corals.
- Rich in minerals and trace elements. Contains essential minerals and trace elements that are important to coral growth and marine fishes. Main elements include CaCO₃, MgCO₃ and Mn.
- Acts as a buffer. Advanced manufacturing technology that slowly release minerals and trace elements thus effectively buffering aquarium water parameters.
- Tough and Macro-Porous. Advanced manufacturing and high temperature processes has given RevoReef® 3DM Reef-Rocks their distinctive lightweight, tough and porous structure. Within the tough exterior lies 3 dimensional cavities of various spatial apertures (macro, medium and large cavities) all interlinked by micro-tunnels.
- Ideal Conditions for Bacteria. The cavities and interlinked micro-tunnels increase the overall effective surface area and create ideal conditions for billions of Aerobic and Anaerobic Bacteria within a single filter medium.
- Largest Effective Surface Area. BET Method surface area analysis has determined the effective surface area of RevoReef® 3DM Reef-Rocks to be in the range of 1000m² – 2000m²/litre, far surpassing natural live-rocks' effective surface area of 200m² – 500m²/litre.

Creating your dream scape is easy!

- Easy to shape. 3DM Reef-Rocks allows you to create your ideal shape according to individual requirement by filing using a file or create hole by a drill and modify the hole by filing as well. Flat surfaces for Coral frags or more hiding holes? It's your call!
- Form your dream scape. 3DM Reef-Rock is easy to stack, interlock or decorate to form the natural looking reef-scape that you've always wanted!
- Coral and Coralline friendly. 3DM Reef-Rock's unique composition encourages coralline algae to establish on it, especially in matured tank already seeded with coralline algae. In a few months' time it will look exactly like a real live rock.

Code No.

RRA0002
RRA0003
RRA0004
RRA0005
RRA0006
RRA0007
RRA0008
RRA0009
RRA0010

Specification

Red 0.9 - 1.5kg (Small)
Red 1.8 - 2.5kg (Medium)
Red 2.8 - 3.5kg (Large)
White 0.9 - 1.5kg (Small)
White 1.8 - 2.5kg (Medium)
White 2.8 - 3.5kg (Large)
Coralline Red 0.9 - 1.5kg (Small)
Coralline Red 1.8 - 2.5kg (Medium)
Coralline Red 2.8 - 3.5kg (Large)

Packing

9 - 12 Kgs/carton / 72 cartons/pallet
9 - 12 Kgs/carton / 72 cartons/pallet
9 - 12 Kgs/carton / 72 cartons/pallet
9 - 12 Kgs/carton / 72 cartons/pallet
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REEF START-BACTERIA STARTER

REEFSTART is a scientifically formulated bacteria and enzyme starter to optimize the nitrification and de-nitrification process in both new setups and established marine aquariums.

REEFSTART's quick-start formula ensures nitrifying bacteria establishes quickly in the bio-filtration, and at the same time providing essential enzymes that helps break down toxic organic compounds while the bio-filtration is being colonized. This makes REEFSTART very useful when starting up new filter-systems and maintaining healthy aquariums.

Features and Benefits:

1. Suitable for newly setup and established aquariums.
2. Bacteria count of more than 7.5 billion CFU per ml of liquid.
3. Detoxifies and break-down Ammonia, nitrite, nitrate and organic waste.
4. Fast and effective break down of toxic organic compounds.
5. Extended shelf life guarantees high bacterial count after activation.
6. Increases D.O (Dissolved Oxygen) level in aquarium by reducing C.O.D. Chemical Oxygen Demand and B.O.D Biological Oxygen Demand.
7. Non-pathogenic, environmentally safe.

Code No.	Specification	Packing
RRM0001	125ml	48 bottles/carton
RRM0002	250ml	36 bottles/carton



RRM0002

RRM0001

REEF ESSENCE-MARINE LIFE BOOSTER

REEF ESSENCE is a 100% all-natural mineral extract containing almost all essential elements, minerals and compounds beneficial for marine life, providing a rich source of elements that is almost impossible to cultivate in an enclosed tank system. These elements help marine life (including fish, crustaceans and corals) to optimize their growth, coloration and symbiotic relationships.

Features and Benefits:

1. 100% all-natural Health Booster for all marine life.
2. Clarifies and stabilizes water quality.
3. Reduces stress in fish/crustaceans and promotes growth in corals.
4. Increases appetite, enhances growth and intensifies color of fishes, crustaceans and corals.
5. Boosts immune system of fishes and crustaceans.
6. Helps to remove toxic chemical and heavy metals.

Important Note:

Water will turn cloudy for several hours up to 2 days after REEF ESSENCE is added, but the water will subsequently become crystal clear. Duration of cloudiness is dependent on water quality and filtration. The effect is natural and will not harm any fishes or corals.

Code No.	Specification	Packing
RRM0003	125ml	48 bottles/carton
RRM0004	250ml	36 bottles/carton



RRM0004

RRM0003

NUTRICORE-CORAL GROWTH SUPPLEMENT

NUTRICORE is scientifically formulated to provide all essential vitamins, exotic trace minerals especially absorbable calcium source for zooxanthellae's photosynthetic processes which directly ensures optimal health, growth and vigour in corals, anemones, gorgonians, and desirable marine algae.

Features and Benefits:

1. Provides all essential vitamins, exotic trace minerals especially absorbable calcium source for zooxanthellae's photosynthetic processes which directly ensures optimal health, growth and vigour in corals, anemones, gorgonians, and desirable marine algae.
2. Enhances coral growth and strengthens overall health and immune system.
3. Naturally aids in improving coral coloration.
4. 100% Natural. Do not contain any harmful heavy metal and toxic substances.
5. Does not cloud or pollute the water.
6. Clarifies and stabilizes water condition.

Note:

For best results, alternate use with REVOREEF INTENSE Coral Color Supplement to provide the nutrient variety readily available in their natural habitat.

Code No.	Specification	Packing
RRM0005	125ml	48 bottles/carton
RRM0006	250ml	36 bottles/carton



RRM0006

RRM0005

INTENSE-CORAL COLOR SUPPLEMENT

INTENSE is a formulated Coral color supplement that provides all digestible mono-, di- and oligosaccharides, absorbable fatty acids and glycerine polymers, exotic trace elements, carotenoids complexes and most importantly, all 23 essential amino acids needed for intense coloration, optimal health and growth in corals, anemones, gorgonians, and desirable marine algae.

Features and Benefits:

1. Provide all digestible mono-, di- and oligosaccharides, absorbable fatty acids, exotic trace elements, carotenoids complexes and most importantly, all 23 essential amino acids needed for optimal health, extensive growth and colour vigour in corals, anemones, gorgonians, and desirable marine algae.
2. Naturally intensifies coral coloration.
3. Aids in coral growth and strengthens overall health and immune system.
4. 100% Natural. Do not contain any harmful heavy metal and toxic substances.
5. Does not cloud or pollute the water.
6. Clarifies and stabilizes water condition.

Note:

For best results, alternate use with REVOREEF NUTRICORE Coral Growth Supplement to provide the nutrient variety readily available in their natural habitat.



RRM0008

RRM0007

Code No.	Specification	Packing
RRM0007	125ml	48 bottles/carton
RRM0008	250ml	36 bottles/carton

BIO-RX-HERBAL HEALTH CONDITIONER

BIO-RX is a high performance fish health conditioner specially formulated to boost the immune system of Marine life against any disease state. Made from 100% natural herbal extracts which were carefully extracted to preserve the efficacy and potency of the herbs, BIO-RX is safe for all marine life including corals and has been subjected to intensive tests in collaboration with marine life breeding farms and professional hobbyists.

Coral and Fish Safe

BIO-RX is herbal based and all natural. It is safe for use in aquariums with corals without any side effects.

Features and Benefits:

1. Herbal conditioner that prevents and responds to bacteria disease, parasite attacks, fungal infections and gills-related infections.
2. An effective prophylactic health conditioner that boosts the immune system of Marine life when dosed weekly.
3. Made of 100% natural herbal extracts that is safe for all marine life including corals.
4. Reduces cross-contamination between infected fish and healthy fish.
5. Will not cloud water or affect your tank's water quality.



RRM0010

RRM0009

Code No.	Specification	Packing
RRM0009	125ml	48 bottles/carton
RRM0010	250ml	36 bottles/carton



REFRACTOMETER

Provides Accurate Salinity Readings For Marine Aquariums.

RevoReef Refractometer is equipped with Automatic Temperature Compensation (ATS) system. The ambient working temperature of the room must be 20°C (68°F) whenever the instrument is re-calibrated. Once calibrated, shifts in ambient temperature within the acceptable range (10°C - 30°C) should not affect accuracy.

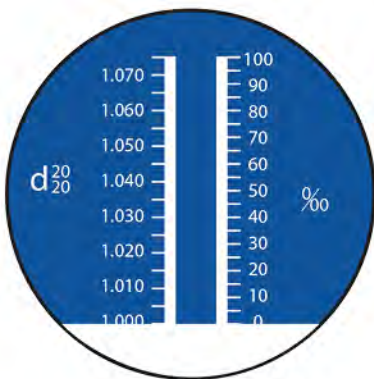
- Provides accurate salinity readings in Specific Gravity (d 2020) and Parts-per-thousand (PPT)
- Automatic Temperature Compensation (ATS)
- Easy-focus adjustable Eyepiece
- For Brackish and Marine aquarium
- Easy to calibrate



Kit Includes



Components



- Step 1. Using the Dropper, place a few drops of the water sample to be tested onto the Prism.
- Step 2. Close the Daylight Diffuser Cover and hold daylight plate in the direction of a light source to check reading. Take the reading of the salinity at the 'refracted line' on the graduated scale.

The reading on the left is for Specific Gravity, right is for PPT (parts per thousand).

Ideal reading for Marine Aquariums	Specific Gravity	Parts Per Thousand (PPT)
Marine Fish Only	1.020 – 1.024	26.5 – 33.1
Coral	1.024 – 1.026	31.8 – 34.5

Code No.
AM052

Description
Refractometer

Specification
31cm x 15.5cm x 14cm

Power Consumption
80W

Packing
25 pieces/carton