

Information

How to use Pro Reef Salt

Colombo Pro Reef Salt can be used for all types of marine aquaria, ranging from a fish-only tank to a full-size reef tank. As there are many different marine tanks, there is an equal amount of different opinions about the correct water composition, meaning salinity, temperature, calcium level, etc. Colombo can only give general guidelines on how to prepare artificial seawater with Colombo Pro Reef Salt, but in the end, everybody should make seawater in a composition they think they need for their tank.

General guidelines:

1. Start with dissolving 1 kilo of Colombo Pro Reef Salt in 30 liters water from the reversed osmosis, water should have a temperature of of 25°C. It is better to start with a relative low amount of salt as it is easier to add more salt than to add more RO-water!
2. Circulate the water until all the salt is dissolved and the water is clear. Generally this takes less then 60 min.
3. Check the salinity/specific gravity of the prepared seawater, which will be around 1.022-1.023. If it is lower than what is desired, add more salt and mix again.
4. Sample the water for the parameters you think are important and adapt where needed. For instance, the calcium level will be around 420 mg/l. If you prefer a higher calcium level, more Colombo Pro Reef Salt can be added (which will also increase the salinity and the levels of other elements) or Colombo Calcium+ can be added if you just want to increase the Calcium level.
5. The same procedure can be used for other water parameters, like magnesium level, KH, etc.
6. In this way, everybody can develop his own protocol for making his own specific seawater in the desired composition. Use this protocol the next time you make seawater with Colombo Reef Salt.

Remarks:

Sometimes after making seawater with Colombo Pro Reef Salt, there is some precipitation at the bottom of the tank that simply won't dissolve. This is sand which is a by-product of the evaporation of the natural seawater, that is used for preparing the natural ingredients of Colombo Pro Reef Salt. Of course, this sand is absolutely safe and not harmful in anyway.

If you have high nitrate (and sometimes phosphate) levels in your newly prepared seawater, these nitrates and phosphates don't originate from the Colombo Pro Reef Salt but are due to the fact that the RO-filters are too old and/or polluted so that they let nitrates pass and in severe cases also phosphates. Of course, replacing the filters in your RO-installation is the best solution. Also check nitrate and phosphate levels in your tank as these are increased strongly when there is nitrate and/or phosphate in your RO-water! Use Colombo Nitrate-Ex or Phosphate-Ex to lower to high levels of nitrate or phosphate.



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