BESE-reef paste

Enhances shellfish recruitment rates

COMPOSITION	80% grinded shell, 20% biobased binding additives.
BIODEGRADABILITY	Degredation time 1-5 years, depending on thickness of the paste.
CURING PERIOD	Depending on thickness of the paste and curing condiontions (days - weeks).

Function

BESE-reef paste enhances shellfish recruitment rates as various shellfish species prefer to settle on other shells, which consist mainly of calcium carbonate. Once oysters or other shellfish have colonized the structure, reef paste starts to disintegrate (1-5 year), leaving only the natural system behind. Reef paste replaces natural shell material, which can be beneficial in areas:

- where the amount of shell available is limited.
- too dynamic to place loose shells on the sea floor (high chance of burial or too much movement).
- where artificial reefs are used for restoration purposes.

Characteristics

- BESE-reef paste can be made with any type of shell hash.
- It slowly disintegrates in water and lasts 1-5 years, depending on local conditions and thickness of the applied paste.
- BESE-reef paste can be applied on any type of hard surface (stones/wood), where it functions as a temporary coating.

Community engagement with BESE-tiny reef

If you wish to involve more people in your restoration work, we offer you a DIY kit for them to build their own tiny reef at home or at work. It contains BESE-reef paste, oyster shells, a mesh bag and a manual. You can distribute these kits to engaged people; those with a desire to contribute to nature restoration, because you can actually release these tiny reefs at a restoration site!

About us

- Founded in 2018, our company now sells products worldwide
- Restoration application for oyster reefs, salt marshes, mangroves, dune-, riparian-, and SAV vegetation, fish and coral reef habitat.
- Other applications include river bank side protection, erosion prevention and natural filtering
- Personal contact with experienced staff for tailored solutions

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