



ELASTOCOAST®

Innovative Shoreline Protection
and Sediment Management

 **BASF**
We create chemistry

A new standard in shoreline protection

ELASTOCOAST®

For over 10 years, the Elastocoast binder from BASF has been a proven solution for protecting shorelines against soil erosion and managing sediment.

Elastocoast is a polyurethane that securely bonds aggregate into a stable, yet highly porous, three-dimensional monolithic structure. Unlike traditional methods, Elastocoast protects against hydraulic forces by dissipating wave energy while supporting an ecological balance.

Elastocoast isn't just for coastlines. The Elastocoast chemistry offers versatility for use in these other applications:

- River dike treatment
- Lake dike treatment
- Sea dike treatment
- Slope stability
- Erosion control
- Living coastlines
- Bridge abutments
- Culvert scour
- Toe protection of dunes
- Breakwaters
- Groins
- Revetment restorations

The Strength of a Bond. The Balance of Nature. The Innovation of Elastocoast.

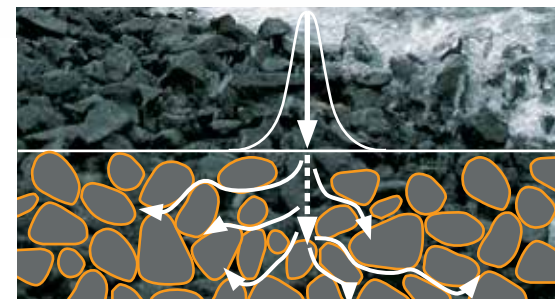
KEY BENEFITS:



Elastocoast's strong polyurethane bonds secure aggregates at their contact points. This offers the benefit of a durable and stable structure that is proven to last over time.



A structure using Elastocoast promotes the rejuvenation of the native biological community, flora and fauna. Elastocoast offers quick ecological re-integration while safeguarding against future erosion.

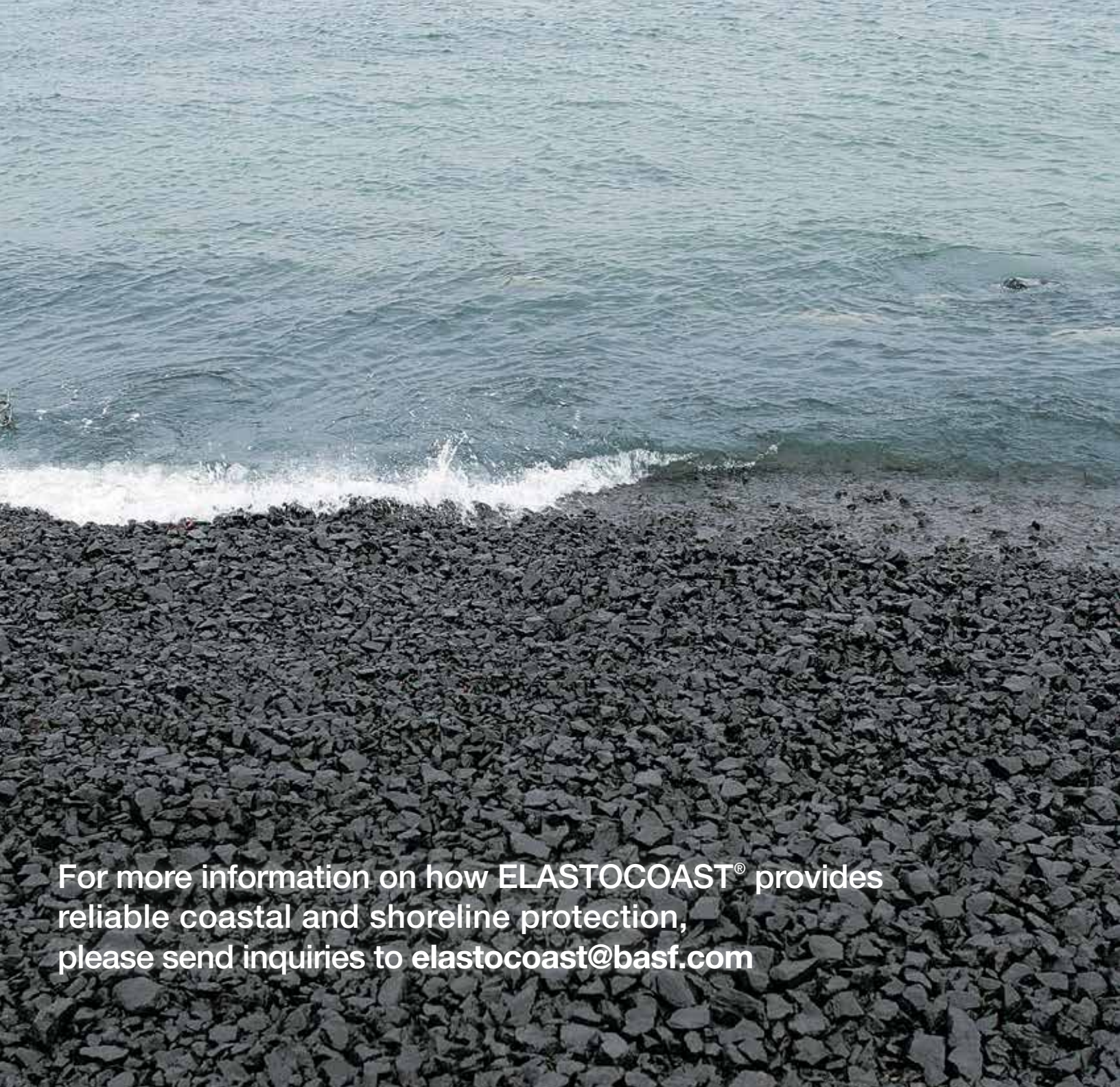


Elastocoast's chemistry creates a structure that offers both high porosity and high permeability; dissipating wave energy and reducing wave run-up for less coastline erosion.



Elastocoast can be placed in-situ using local aggregate to minimize environmental disruption and reduce construction costs. Offering design flexibility, Elastocoast can be uniquely formed into a monolithic structure to best fit the environment.





For more information on how ELASTOCOAST® provides reliable coastal and shoreline protection, please send inquiries to elastocoast@basf.com

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