







PROSHIELD: Polyester MCC

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WHAT?

Proshield is a primer coating that produced by incorporation of Unsaturated Polyester with Microcrystalline Cellulose as reinforcing agent. It gives a better mechanical properties which provide good corrosion resistance.

NOVELTY

- 1. Utilization of renewable high crystalline region in MCC
- 2. Low cost and environmental friendly
- 3. Self healing properties of primer.



BENEFIT?

- Better mechanical properties of coating
- Contribute reduction for costly maintenance.
- Self healing ability.

PROOF?

- Proven in laboratory scale according to standard ASTM procedure.
- Tested by local user on application and performance.

POTENTIAL

COMMERCIALIZATION

Marine Transportation, Aerospace Industry, Building, Automotive and Defend Industry Oil and Gas Industry (Off-shore)

COLLABORATION





PRODUCT ACHIEVEMENT

















2017

2018

2019

2020

2021













