



SEA HORSE SERVICES SDN.BHD.

(Co. Reg. No.: 258211 – A)

AQUA FILLER

PRODUCT CHARACTERISTICS

A high build epoxy to withstand heavy abrasion, chemical attack above or below water over a wide range of substrates to a maximum temperature resistance of 120°C.

A non-solvent type 100% volume solid epoxy with excellent adhesion to steel and metal.

Versatile in which it can be applied onto damp or dry surfaces and displays excellent adhesion and compability to other coatings and is suitable for **rebuilding pitted surfaces** .

It is highly recommended for pitted surface and formulated for strength and versatility under adverse condition.

RECOMMENDATION OF USE

To apply on to any surface that does not exceed 90°C except for rubber and thermoplastic.

PRODUCT INFORMATION

Colour	-	Black,Grey and White
Pack sizes	-	200gm / 500mg / 1kilogram
Non volatile content	-	100%
Mix ratio	-	Epoxy 13.5 and Hardener 1 in proportion by weight
Full cure	-	30°C in 48 hours
Pot life	-	15 to 20 mins at 30°C
Touch dry	-	2 to 3 hours
Temperature resistance	-	30°C - 150°C
Chemical resistance	-	75% H2SO4
Volume Solid	-	100%

APPLICATION DATA

Method	-	Trowel on
Min.Surface Preparation	-	ST2 - ST3 standard
Thinner	-	Not recommended

APPLICATION

Mixing	-	Mix and stir components thoroughly, for 5 to 10 mins before application.
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PHYSICAL PROPERTIES

No.	Type of Tests	Results
1	Resistance to Organic Coatings to the effect of Rapid Deformation	(Kilogram-meter) at the impact failure end point - 911g (2Lbs)- More than 65 cm.
2	Abrasion Resistance of Organic Coatings by the Taber Abraser	Wear Index = 20 (20mg/1000cycles/1kg)
3	Pull-Off Strength of Coatings using Portable Adhesion Testers	More than 6.0N/mm ² (870psi)

SHELF LIFE

At least 24 months when stored in sealed containers.



Before application of Aqua Filler



After application of Aqua Filler



Before application of Aqua Filler



After application of Aqua Filler

Pitted Surface



Before application



During application



After application