UNIGRIP
DANTECH ELITE COMPOSITES

Technical Data Sheet – Base Coat

Product Line	PropGuard-X Base Coat	
Description	It's a high-performance water-dilutable 2K polymeric base coat, engineered for direct-to-steel applications (no primers needed). Provides superior resistance against corrosion, and enhancing adhesion between subsequent coats.	
Real World Advantages	Zero Biocides - Safe for marine life Superior durability across substrates Very low VOC´s (31.6 g/L) Shock proof and UV Resistant Very high Impact & wear resistant	Exceptional adhesion to all marine metals Excellent resistance against corrosion Extended overcoating window between subsequent layers (2-16 hours)
Intended Use: Direct to metal base coat on	Propeller Rudder Propeller shaft Strut	Bow thruster Stern thruster Trim tabs Swim platforms
Physical Properties	**Mixing ratio:**	4:1 by weight (as supplied)
	Color / finish:	Yellow RAL 1002 / gloss
	Number of coats:	1 (2 coats if time allows)
	Theoretical coverage:	95 sqf (=8.8 m²/liter)
	Wet film thickness:	4.7 mils (120µm)
	Dry film thickness:	2.35 mils (60µm)
	Volume solids:	53 volume percent (= 60 weight percent)
	VOC´s (very low):	31.6 g/L, compliant with EU Directive
	Specific gravity:	Approx. 1.16 kg/dm³ at 20°C
	Curing time:	Dust free - approx. 2-3 hours Foot traffic - approx. 12-16 hours Full cure – approx. 7 days
	Overcoating window between subsequent layers:	2 – 16 hours (depending on temperature)
	Pot life:	2-3 hours (depending on temperature)
	Shelf life unopened:	2 years at 25°C | 77°F
	Shelf life after opening:	Base up to 6 months / Hardner up to 6 months
	Solvents:	Organic (its water based)
	Clean up:	With water and afterwards with Brush/spray thinner PU

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Recommended Application Tools

See PropGuard-X best practice sheet / Section 4: recommended application tools
(Download here: www.dantech-group.com/PropGuard-X)

Surface Preparations

See the PropGuard-X best practice sheet / Section 2: detailed surface preparation by metal *(Download here: www.dantech-group.com/PropGuard-X)*

Mixing and Application

See PropGuard-X best practice sheet / Section 6: mixing and Application
(Download here: www.dantech-group.com/PropGuard-X)

Health and Safety

Base Coat

Ensure sufficient ventilation during application and drying. Avoid skin contact by using the appropriate protection like gloves, safety glasses, safety shoes, safety clothing, protective creams, etc. Do not apply with open fire. No smoking. See also the instructions on the label of the product

Transport

Non-hazardous: Transport by air, sea, road and rail

Storage

Store in well closed original packaging, cool, dry & frost free.

First Aid

If swallowed: Give milk or water, seek medical attention.
Skin contact: Wash with soap and water
Eye contact: Wash with soap and water. Flush with copious quantities of clean water.
Inhalation: Remove to fresh air. Seek medical attention.