



Overview Paintwork ATB Motors – Rev. 8-12-3



paintwork systems	standard primer	standard paintwork RAL , BS , Munsell , AS	Inner paint-work special	Acid protection	Inshore-standard (ST2)	Inshore-spezial (SP)	Offshore according to NORSOK 1 (NO)	
protection acc. ISO 12944		C2 medium C3 low	C2 medium	C3 high C4 low	C5 low C4 medium	C5 medium C4 high	CX high	
pre-treatment	All parts cleaned and degreased, sand-blasted according to SA 2,5 ISO 8501-1 (cast parts treated by foundry, steel parts treated by ATB)				all parts cleaned and degreased, sand-blasted according to SA 2,5 ISO 8501-1 (treated by ATB)			
1. primer	Casting surfaces by the foundry: One-component alkyd resin primer, min. 20 µm <u>Steel parts treated by ATB:</u> PercoTop Primer 010, one-component polyvinyl butural primer, min. 25 µm				/		PercoTop Primer 053 zinc-rich paint, two-component epoxide paint, min. 70 µm	BARRIER two-component zinc-epoxide ground coat with high shares of zinc, min. 75 µm
2. primer	PercoTop Primer 010, one-component polyvinyl butural primer, min. 25 µm	/		PercoTop Primer 040, two-component polyacrylic primer, with low solvent, min. 60 µm			REEPOXAN 2K-HS-ground 3 F 700, two component epoxide ground coat, min. 120 µm	PercoTop Primer 040, two-component polyacrylic primer, with low solvent min. 60 µm
top coat	/			/		REESEA 2K-HS one-coat-paint 6 D 062, two-component acrylic resin one-coat-paint, min. 60 µm	REESEA 2K-HS one-coat-paint 6 D 062, two-component acrylic resin one-coat-paint Hardtop Optima two-component acrylic topcoat, min. 80 µm	Hardtop Optima two-component acrylic topcoat, min. 75 µm
coat thickness			min. 25 µm			min. 80 µm <i>max. 304 µm</i>	min. 80 µm <i>max. 259 µm</i>	min. 160 µm <i>max. 611 µm</i>
colour	green	RAL, BS, Munsell, AS	green	RAL, BS, Munsell, AS				
mechanical strength	Non-abrasive, elastic, insensitive to scratches, resistant to impact							
corrosion resistance	/		Resistant to water, water vapour, salt water		Good resistant to water, water vapour, salt water			
chemical resistant			Resistant to solvents, chemicals, synthetic coolants, hydraulic fluids, detergents		Good resistant to solvents, chemicals, synthetic coolants, hydraulic fluids, detergents			
temperature range	/		-40°C up to +130°C	-55°C up to +130°C				

Description Duration of protective effect: low 7 years / medium 7-15 years / high 15-25 years