



# Overview Paintwork ATB Motors

## Rev. 8-8

paintwork sys- tems	standard paintwork	standard paintwork and colours according to RAL	inner paintwork special	acid- protection + Inshore	Offshore standard  (ST)	Offshore special  (SP)	Offshore according to NORSOK  (NO)
protection acc. ISO 12944	C2 medium	C2 medium	C2 medium	C3 long C4 medium	C5-M short	C5-M medium	C5-M long
pre-treatment	all parts cleaned an degreased, sand-blasted according to SA 2,5 ISO 8501-1 (cast parts treated by foundry) (steel parts treated by ATB)				all parts cleaned an degreased, sand-blasted according to SA 2,5 ISO 8501-1 (treated by ATB)		
1. primer	one-component alkyd resin base, min. 20 µm (cast parts treated by foundry)  PRIOMAT 1K-etch-primer 010, one-component polyvinyl butural base, min. 25 µm (steel parts treated by ATB)					HEPOX zinc- rich paint 053, two-component epoxide paint, min. 70 µm	BARRIER two- component zinc-epoxide ground coat with high shares of zinc, min. 75 µm
2. primer		At top coat PERCOTOP ex frame size 132: PRIOMAT 1K- etch-primer 010, one-component polyvinyl bu- tural base, min. 25 µm	PERCOTEX- LA-etch /ground coat 040, two- component polyacrylic base, with low solvent min. 60 µm	REEPOXAN 2K-HS- ground 3 F 700, two compo- nent epoxide ground coat, min. 120 µm		PERCOTEX- LA-etch /ground coat 040, two- component polyacrylic base, with low solvent min. 60 µm	JOTACOTE UNIVERSAL two- component epoxide ground- /topcoat with high solid, min. 175 µm
top coat	REESA 2K- HS one-coat- paint 6 D 062, two- component acrylic resin one-coat- paint, min. 60 µm	REESA 2K-HS one-coat-paint 6 D 062, two- component acrylic resin or PERCOTOP 9675, topcoat, two-component acrylic base, min. 60 µm		REESA 2K-HS one-coat-paint 6 D 062, two- component acrylic resin one-coat-pain or PERCOTOP 9675, topcoat, two-component acrylic base,  min. 80 µm			JOTAPROOF TOPCOAT two- component acrylic top- coat, min. 60 µm
coat thick- ness	min. 80 µm	min. 80 µm	min. 80 µm	min. 160 µm	min. 200 µm	min. 210 µm	min. 310 µm
colour	RAL 5009	RAL		RAL 7031, 7032, ...			RAL 7038
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 resistance	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				