

	PENGUARD HB		PENGUARD TOPCOAT BT 6020		PENGUARD CLEAR SEALER		HARTOP AS	
TYPE	EPOXY		EPOXY		EPOXY		POLYURETHANE	
Suitable for above waterline ?	Yes		Yes		Yes		Yes	
Suitable for below waterline ?	Yes		Yes		Yes		Yes, but not for continual immersion	
Suitable over Aluminium ?	Yes		Yes		Yes		Yes, over Penguard HB	
Suitable over concrete ?	Yes		Yes		Yes		Yes, over Penguard HB	
Suitable over GRP ?	Yes		Yes, over penguard HB		Yes		Yes, over Penguard HB	
Suitable over steel ?	Yes		Yes, over penguard HB		Yes		Yes, over Penguard HB	
Suitable over wood ?	No, with the exception of marine ply		Yes, over Jotafloor Sealer		Yes		No, with the exception of marine ply	
Gloss level	Flat		High		Gloss		High	
Colour retention			Limited		Clear		Very Good	
Gloss retention	Good		Limited		Fair		Excellent	
Flexibility	Good		Good		Good		Very Good	
Abrasion resistance	Very Good		Very Good				Very Good	
Chemical resistance	Excellent		Excellent		Excellent		Very Good	
Solvent resistance	Excellent		Excellent		Excellent		Very Good	
Water resistance	Very Good		Very Good		Very Good		Very Good	
No. coats recommended	3		2		1		2	
Application method	Brush, roller, high presure airless spray		Brush, roller, high presure airless spray		Brush, roller, high presure airless spray		Brush, roller, high presure airless spray	
Drying Time	8 hours @ 23c		7 hours @ 23c		7 hours @ 23c		5 hours @ 23c	
Curing Time	7 days @ 23c		7 days @ 23c		7 days @ 23c		5 days @ 23c	
Pot Life	8 hours @ 23c		8 hours @ 23c		8 hours @ 23c		4 hours @ 23c	
Thinner	No 17		No 17		No 17		No 10	
Film Thickness								
Wet	150	nano m	60	nano mr	50	nano n	80	nano
Dry	80	nano m	40	nano mr	30	nano n	40	nano
Propose for TBR								
Wet	93	nano m	94	nano mr	94	nano n	one coat	nano
Dry	50	nano m	50	nano mr	50	nano n	one coat	nano

