

# Asymmetric: 8001033 Age Grinde27 codezero.des

## Design Info =====

Initial Design Date: 5/11/2024  
Boat:  
Grinde27 codezero  
Client:

Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001033 Age Grinde27

Comments:

## Design Data =====

### Asymmetric

#### Measurements

Luff length (SLU):	11.760m	
Leech length (SLE):	10.737m	
Foot length (SFL):	7.335m	
Headboard Width:	0.015m	
Three-quarter width:	2.482m	Closest Pt: 2.112m
Half width (SHW):	4.548m	Closest Pt: 4.007m
Quarter width:	6.102m	Closest Pt: 5.523m
ORC Area:	47.858m <sup>2</sup>	
IRC Area:	47.667m <sup>2</sup>	
Surface Area:	46.065m <sup>2</sup>	
Hoist height:	11.400m	
J:	4.500m	

#### Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0.351m])

100% (11.737m) :	-0.000m	-0.000m
90% (10.562m) :	-0.120m	0.036m
80% (9.388m) :	-0.224m	0.086m
70% (8.214m) :	-0.295m	0.151m
60% (7.041m) :	-0.326m	0.198m
50% (5.868m) :	-0.320m	0.219m
40% (4.695m) :	-0.293m	0.214m
30% (3.522m) :	-0.245m	0.183m
20% (2.348m) :	-0.179m	0.144m
10% (1.174m) :	-0.094m	0.087m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2/a	0.025m	0.014m	0.025m
Zone: 2/b	0.025m	0.014m	0.025m
Zone: 3/a	0.025m	0.014m	0.025m
Zone: 3/b	0.025m	0.014m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	9.53
Radial/Vertical	143.20
Bi-Radial Split	11.25

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	33.80	1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,2\1,2\2,2\3 2\4,2\5,2b\1,2b\2,2b\3 2b\4,2b\5,3\1,3\2,3\3 3\4,3b\1,3b\2,3b\3,3b\4
Material 2	12.35	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

