

TreProX: Innovations in Training and Exchange of Standards for Wood Processing

SÖGUN OG FLOKKUN Á TIMBRI FYRIR GÖNGUBRÚ YFIR ÞJÓRSÁ

EIRÍKUR ÞORSTEINSSON

TREPROX WORKSHOP - ICELAND - OCTOBER 2021 - EXTRA



Sögun og flokkun á timbri fyrir göngubrú yfir Þjórsá

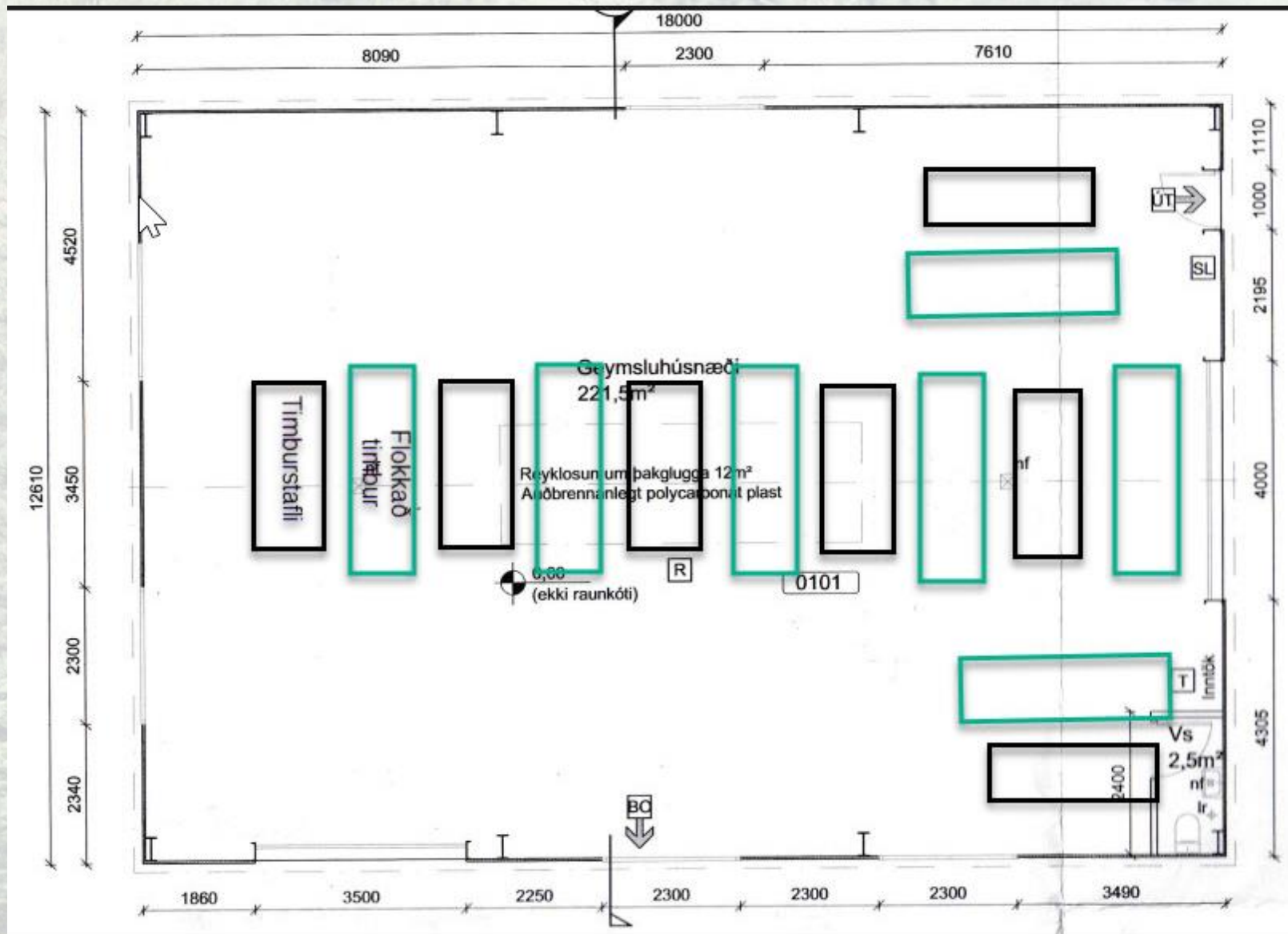


















Grading Table 1 – Knots

Grading Table 1 Knots.

GRADE of the timber surface		US I		US II			US III			
Knot type		Sound knot	Max. no.	Sound knot	Dead knot	Max. no.	Sound knot	Dead knot	En-cased knot	Max. no.
FACE	Number of knots at maximum size per the worst metre	1	1	2	1	3	3	3	1	5
	KNOT SIZE (mm) At thickness ≤ 29 mm		Sum of sound knots			Sum of sound knots				Sum of sound knots
	At width: – 115 mm	8	8	10	7	20	10	7	5	30
	116 – 150 mm	8	8	10	7	20	15	11	8	45
	151 – 200 mm	8	8	15	11	30	20	14	10	60
	201 – mm	8	8	15	11	30	25	18	13	75
	At thickness 30 – 39 mm									
	At width: – 115 mm	8	8	10	7	20	15	11	8	45
	116 – 150 mm	8	8	15	11	30	20	14	10	60
	151 – 200 mm	8	8	15	11	30	25	18	13	75
	201 – mm	10	10	15	11	30	30	21	15	90
	At thickness 40 – 59 mm									
	At width: – 115 mm	8	8	15	11	30	20	14	10	60
	116 – 150 mm	10	10	15	11	30	25	18	13	75
	151 – 200 mm	10	10	15	11	30	30	21	15	90
	201 – mm	10	10	20	14	40	35	25	18	105
	At thickness ≥ 60 mm									
	At width: – 115 mm	10	10	20	14	40	25	18	13	75
	116 – 150 mm	10	10	20	14	40	30	21	15	90
	151 – 200 mm	15	15	25	18	50	35	25	18	105
	201 – mm	15	15	25	18	50	40	28	20	120
EDGE	Number of knots at maximum size per the worst metre	0	0	1	1	2	1	1	1	3
	KNOT SIZE percentage of timber thickness									
	At thickness: 16 – 29 mm	0		40	28		50	35	25	
	30 – 100 mm	0		25	18		40	28	20	
	Percentage of the sound knot size				70			70	50	















