

# Södra's Product portfolio

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# Agenda

- Södra´s Product portfolio
- Technical Data Sheets

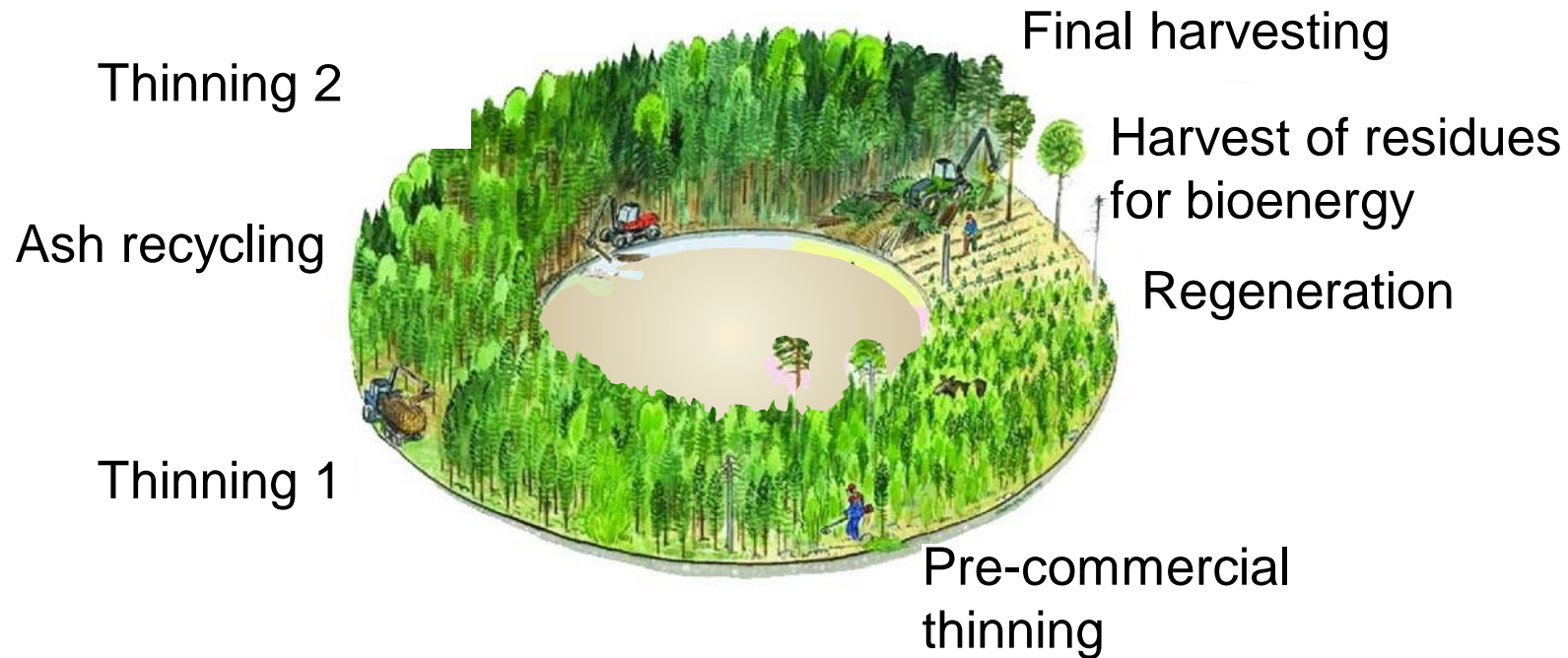


# Södra's Product portfolio

- [The Softwood Product Portfolio -Movie](#)



# Forestry rotation

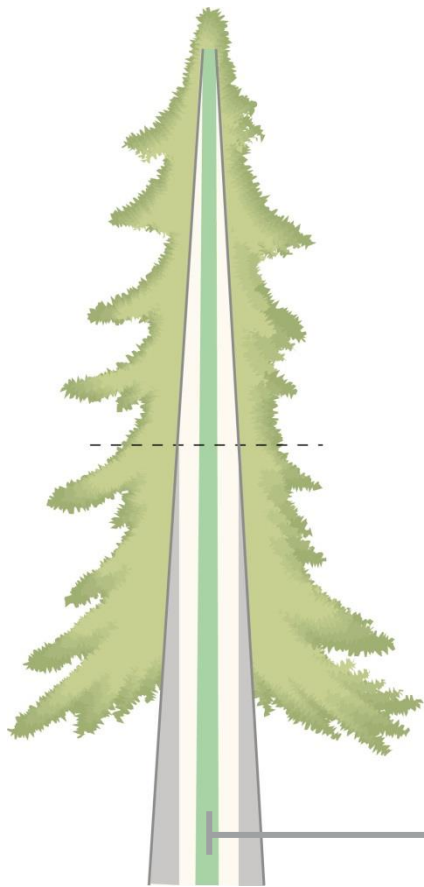


Normal rotation period  
(from seedling to final harvest)  
in southern Sweden

Spruce	65 years
Pine	75 years
Birch	40 years

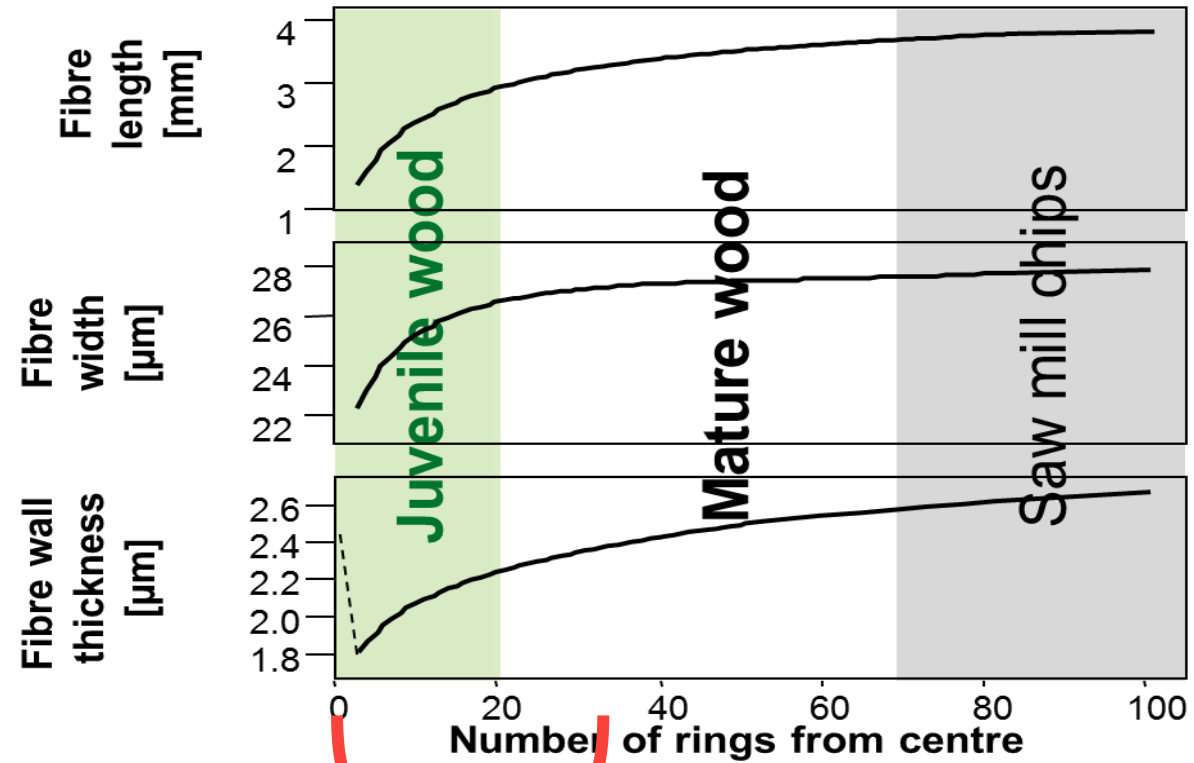


# Growth of a tree → variations in fibre dimensions



Norway spruce (*Picea Abies*)



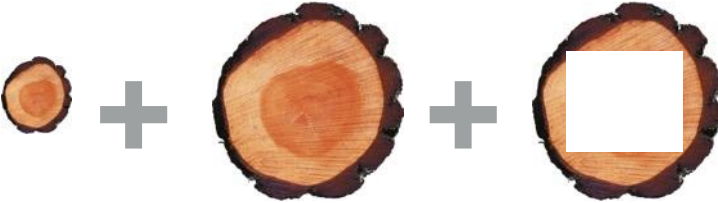

Horizontal growth  
(1.3m above ground)



**Thinnings – large part juvenile wood**



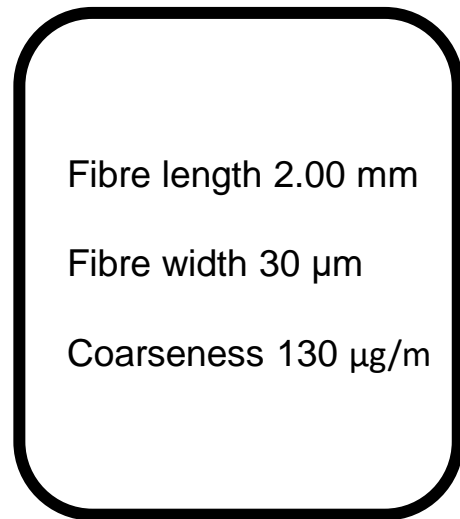
# Wood segregation

		Fibre length
Green		2,6 mm
Black		2,0 mm
Blue		2,1 mm
Gold		0,9 mm



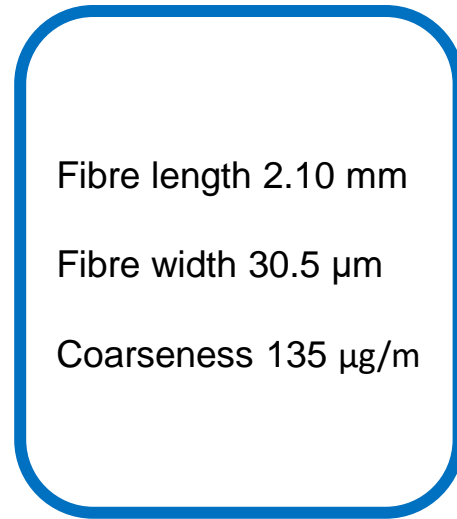
# Our four product groups

black



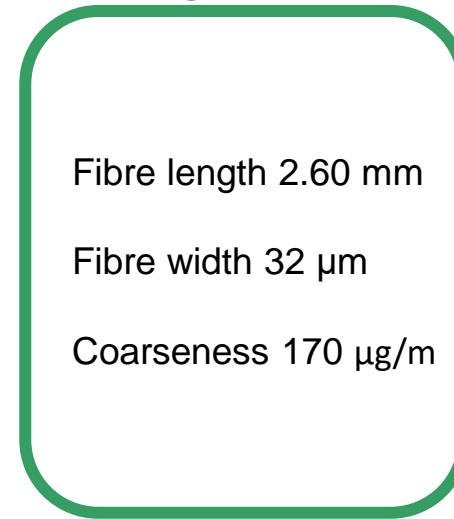
Strong

blue



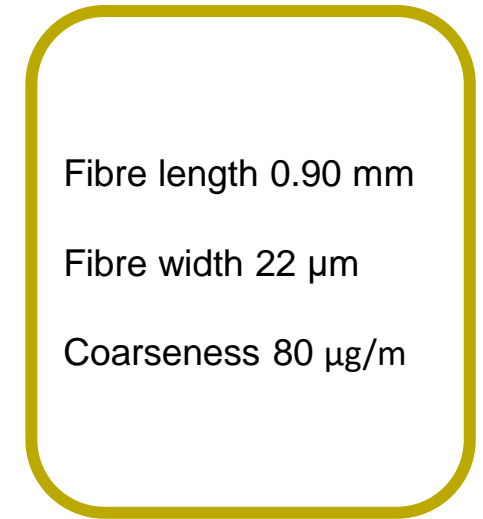
Optimal  
balance

green



Reinforcement

gold



Strong  
hardwood



# The Södra Cell Product Portfolio - 2021

FSC & PEFC					
TCF			ECF		
green Z SCMS	green 85Z SCMS	green 70Z SCM	green-T SCM	green SCV	green F SCV
black 85Z SCMS			black-R SCM		
blue Z SCMS	blue 85Z SCMS		blue SCV	blue F SCV	
gold BZ SCMS					

Unless otherwise stated:  
Softwood, Full brightness  
and Sheet dried

Z = TCF

85, 70 = ISO Brightness

-T = High Tear

-R = Roundwood only

F = Flash dried

B = Birch

SCV = Värö

SCM = Mörrum

SCMS = Mönsterås



# Technical Data Sheets

## Technical data sheets

Name	Type	Size	Last Changed
Södra black 85Z - Product information.pdf	PDF	2.84 MB	2021-09-13 15:03 CET
Södra black R - Product information.pdf	PDF	2.86 MB	2021-09-13 15:04 CET
Södra blue - Product information.pdf	PDF	3 MB	2021-09-13 15:03 CET
Södra blue 85Z - Product information.pdf	PDF	2.87 MB	2021-09-13 15:03 CET
Södra blue F - Product information.pdf	PDF	3 MB	2021-09-13 15:03 CET
Södra blue Z - Product information.pdf	PDF	1.78 MB	2021-09-13 15:03 CET
Södra gold birch Z - Product information	PDF	2.86 MB	2020-10-16 14:30 CET
Södra green - Product information.pdf	PDF	3 MB	2021-09-13 15:03 CET
Södra green 70Z - Product information.pdf	PDF	2.84 MB	2021-09-13 15:03 CET
Södra green 85Z - Product information.pdf	PDF	2.87 MB	2021-09-13 15:03 CET

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- Our product family >
- End uses >
- Take Care >
- Pulp & sustainability >
- Our mills >

### Annual pulp production

Södra produces 1.9 million tonnes of pulp annually across our three mills in Sweden.



# Södra blue

## Technical Data Sheet

### blue



Tensile strength	●●●●○
Tear strength	●●●●○
Brightness stability	●●●●●

The blue range of pulps offers an ideal combination of excellent tensile strength and tear strength, making them popular for a wide range of end products. Södra blue has the added advantage of high brightness stability due to bleaching with modern ECF-light technology. A northern bleached softwood kraft pulp, this is a reliable and very useful choice. Available certified to both PEFC™ or FSC®.



### GENERAL PROPERTIES

Brightness, ISO 2470-1:2018 <b>89.5 (≥88.5) %</b>	Dirt, ISO 5350-2:2006 <b>1.0 (≤5.0) mm<sup>2</sup>/kg</b>	Ash, ISO 1762:2015 <b>0.25 %</b>	pH, ISO 29681:2009 <b>4.8</b>
	Acetone-soluble extractives, ISO 14453:2014 <b>0.04 %</b>		
Fibre length, ISO 16065-2:2014 <b>2.10 mm</b>	Fibre width <b>30.5 µm</b>	Coarseness <b>135 µg/m</b>	

### TYPICAL PHYSICAL CHARACTERISTICS, PFI REFINING

Drainability, °SR	13	14	15	17.5	29
Tensile Index, kNm/kg	26	61	76	90	103
Tear index, Nm <sup>2</sup> /kg		16.5	13.5	11.5	9.5
Light scattering coefficient, m <sup>2</sup> /kg	29.5	23.0	20.5	18.0	16.0
Density, kg/m <sup>3</sup>	590	680	710	750	800
Air permeance, µm/Pa·s	160	85	50	20	3

Beating revolutions	○	1000	2000	4000	9000
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### QUALITY CONTROL

We know that consistent pulp quality is absolutely essential for the modern paper mill. That's why we have invested in state-of-the-art quality control at all our mills. Read more at [www.sodra.com/pulp](http://www.sodra.com/pulp)



### UNIT AND BALE INFO

