

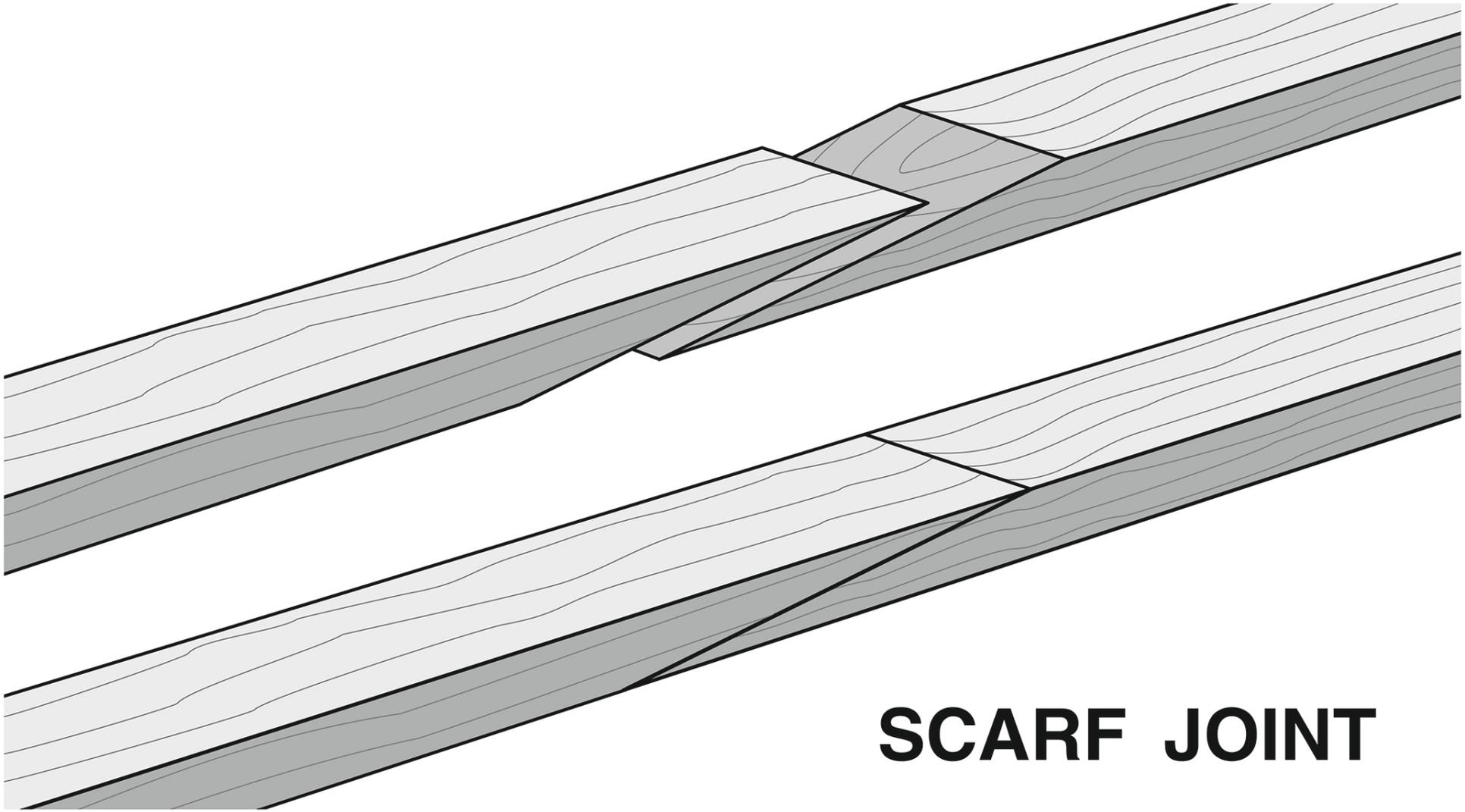


Southampton
SOLENT
University



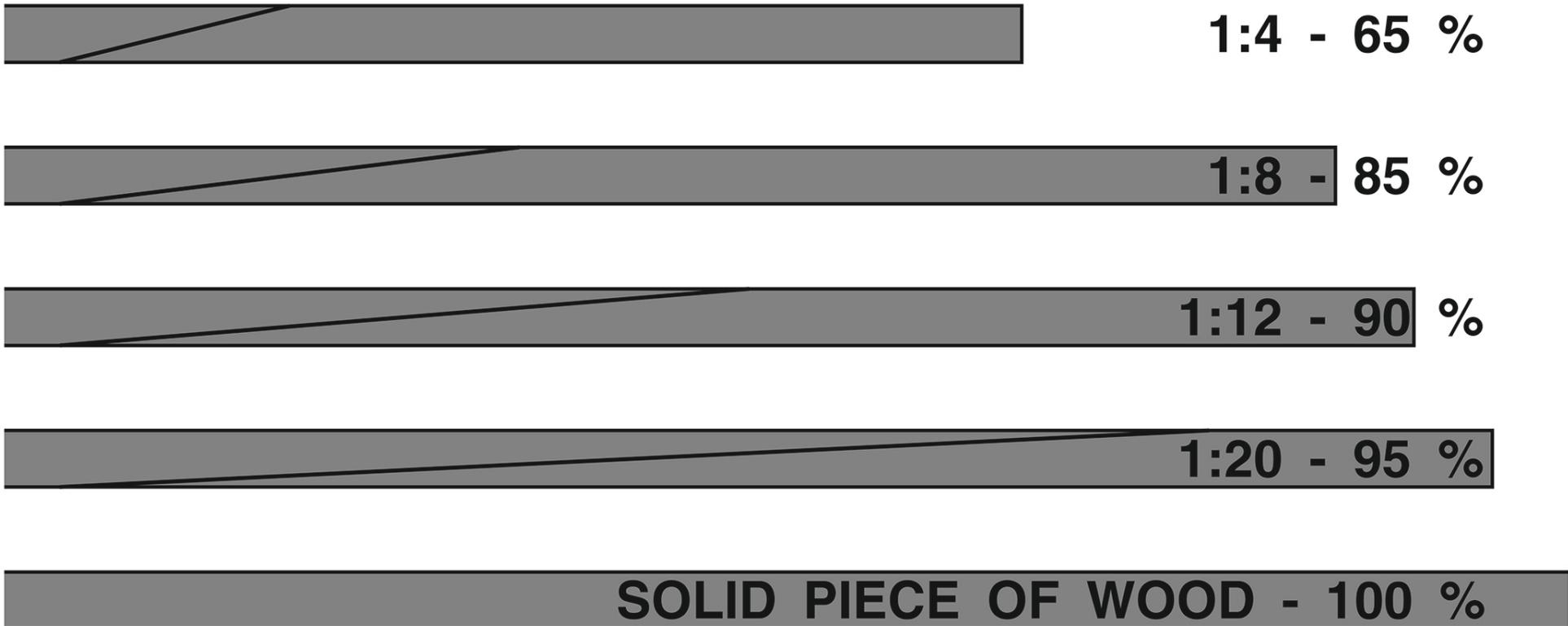
Jean-Baptiste Soupez

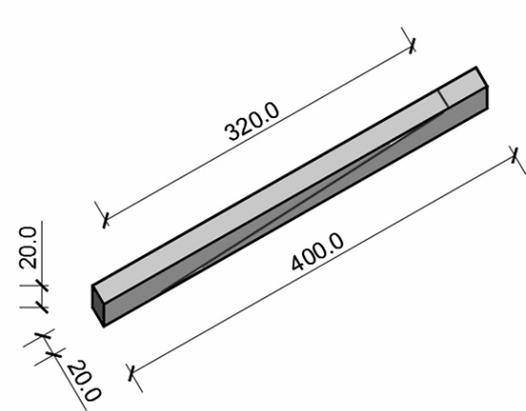
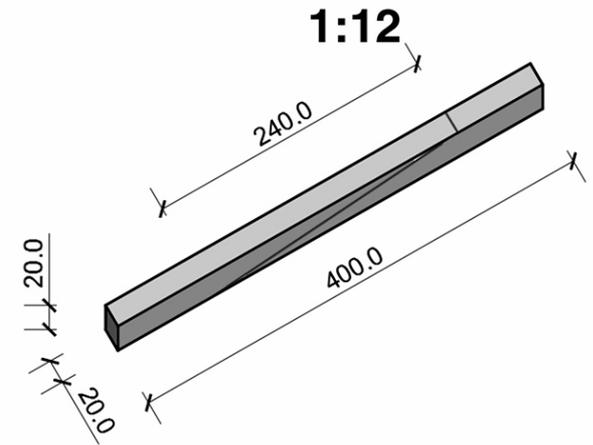
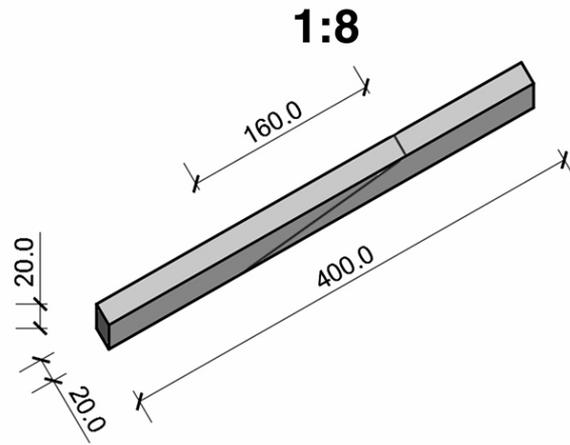
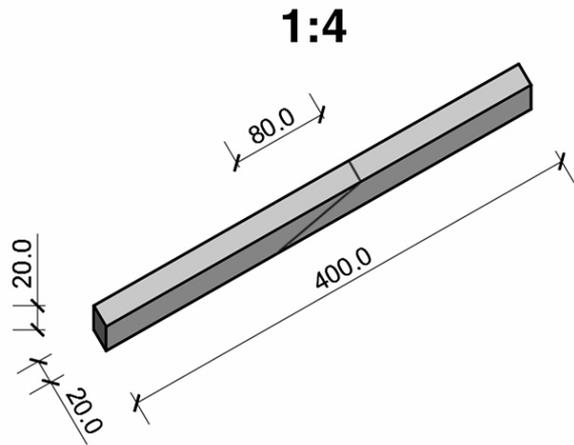




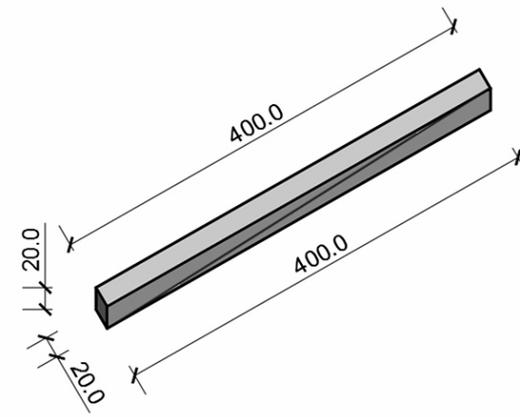
SCARF JOINT

Richard Brimingham

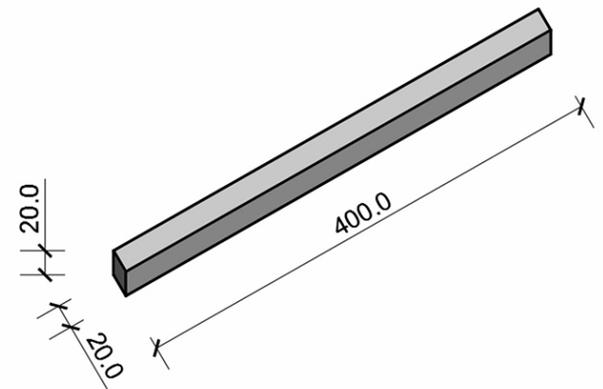




1:16



1:20

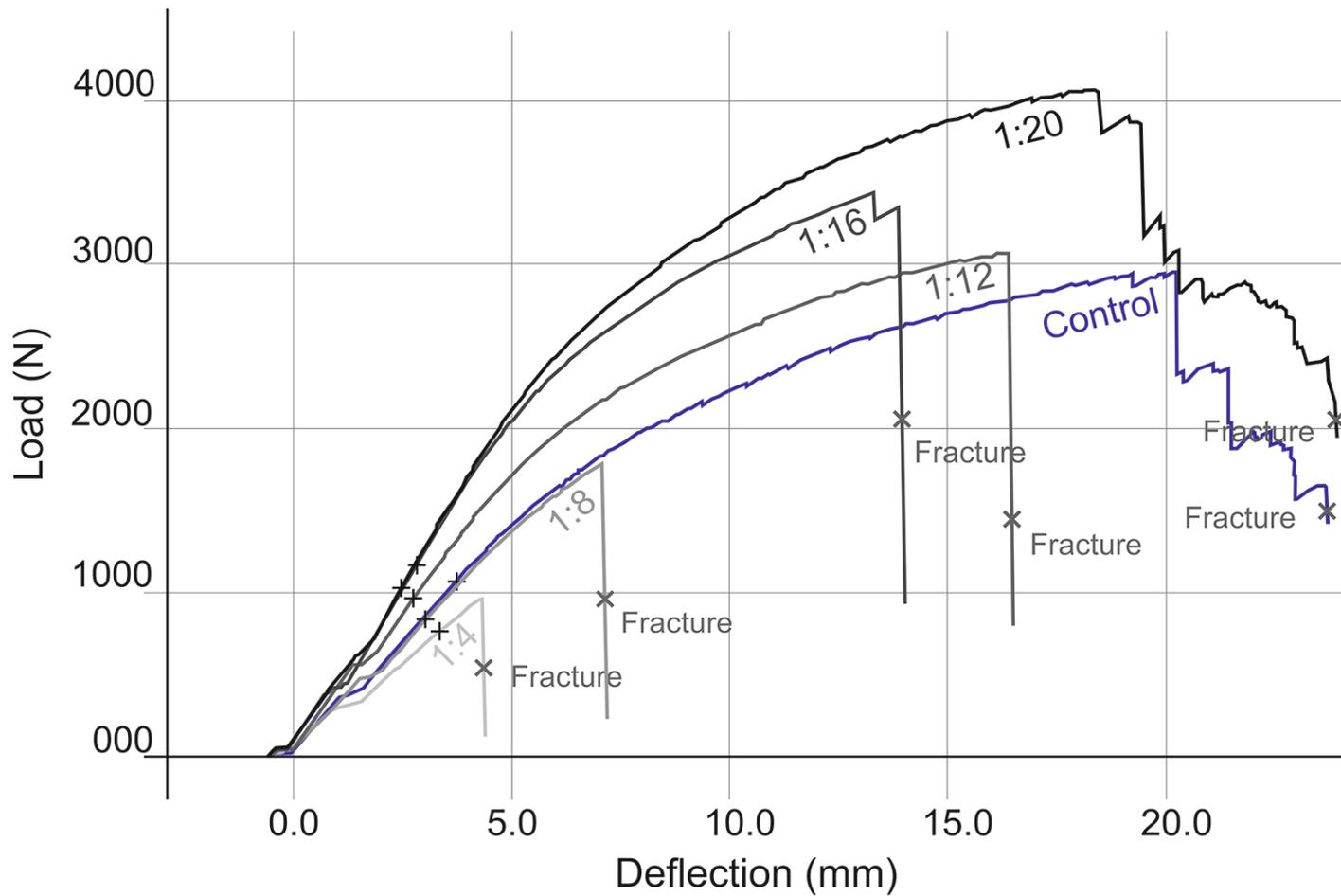


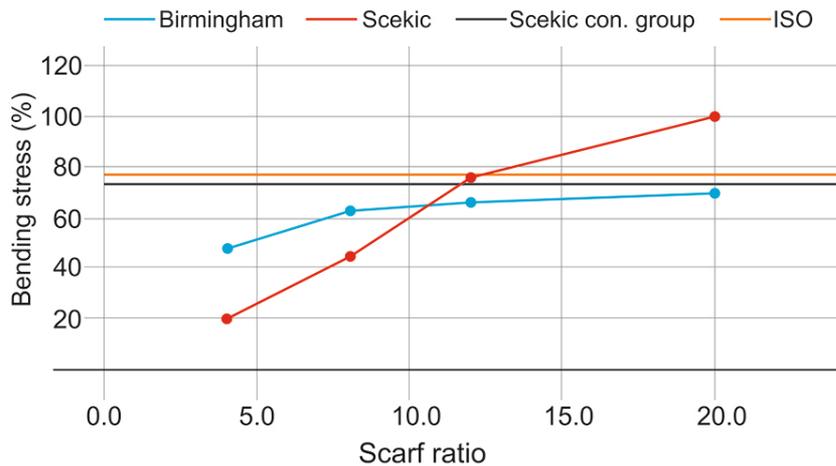
solid



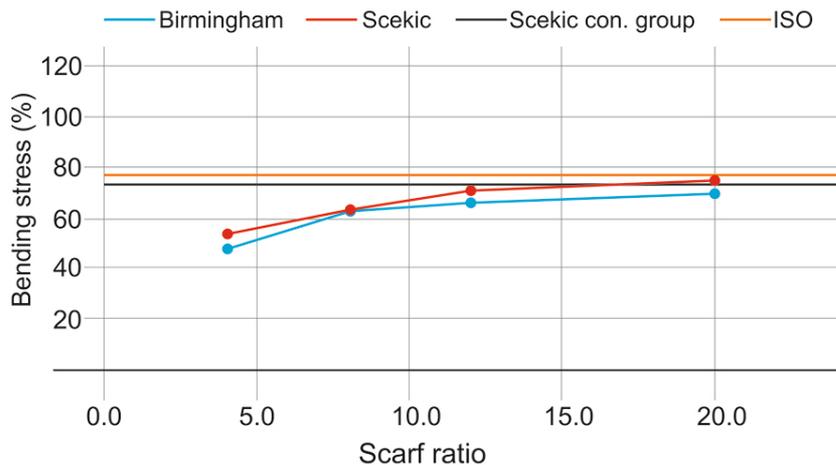








MAX LOAD

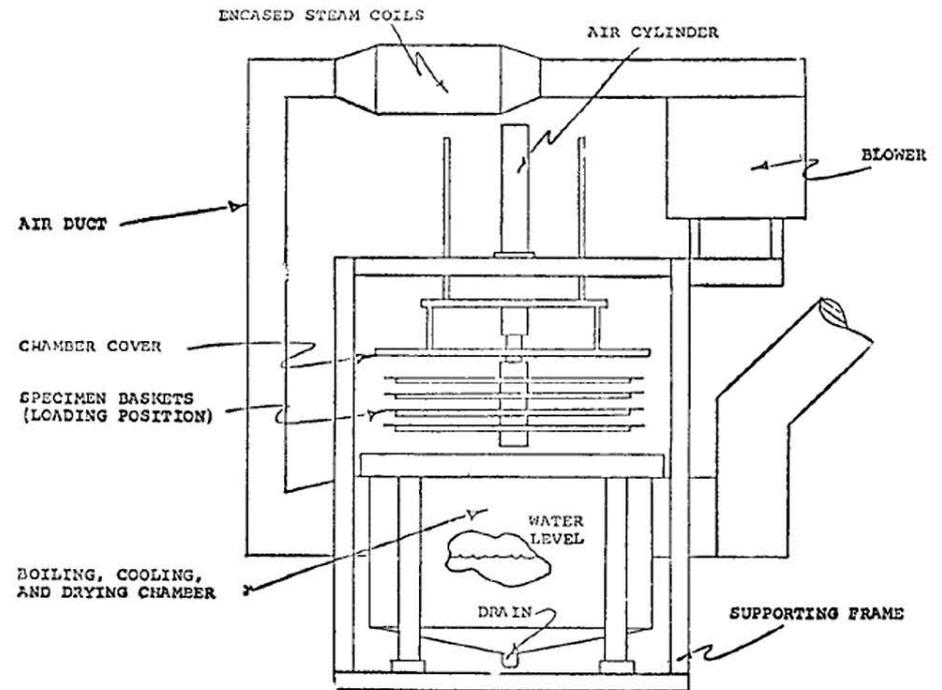


ELASTIC LIMIT



ARTIFICIAL AGEING OF LAMINATED WOOD

Creep deformation - FMPA - 13 years



SCATA - accelerated automatized boil test

F 1980 – 02

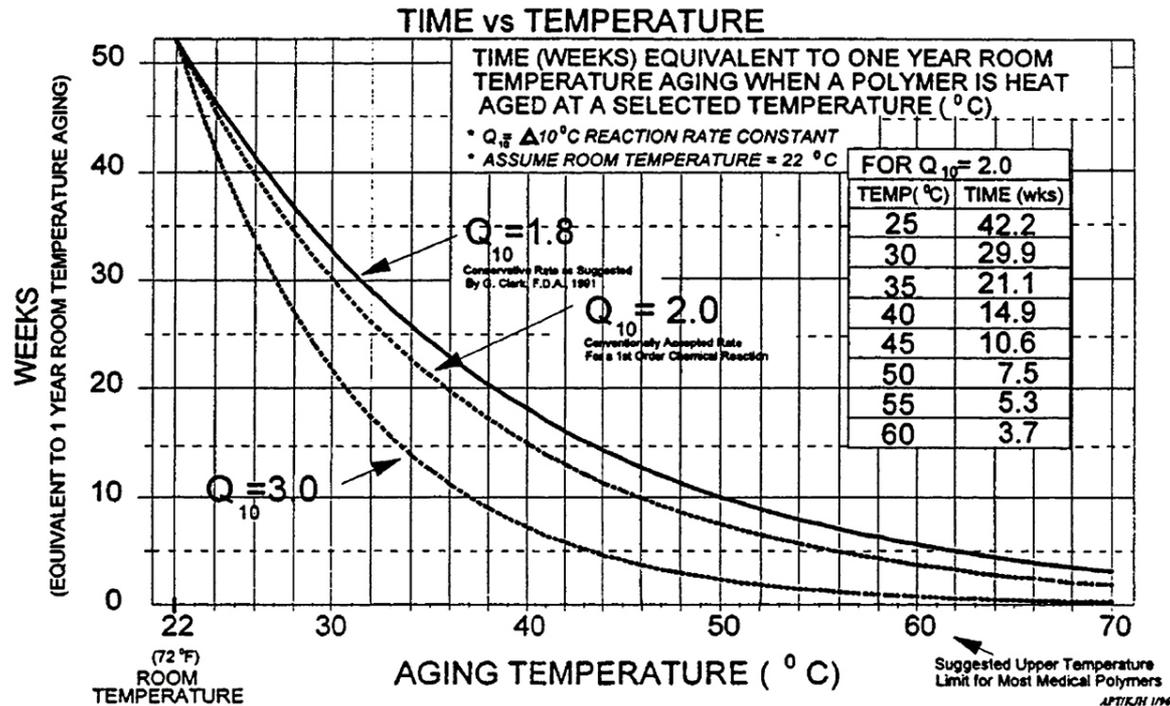
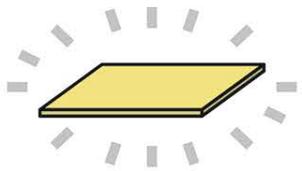


FIG. X1.1 Accelerated Aging of Polymers⁵

Accelerated Aging of Sterile Medical Device Packages

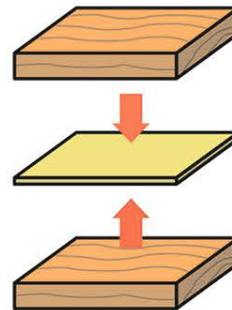
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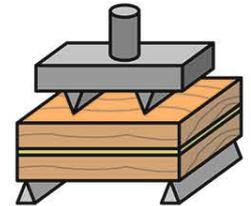
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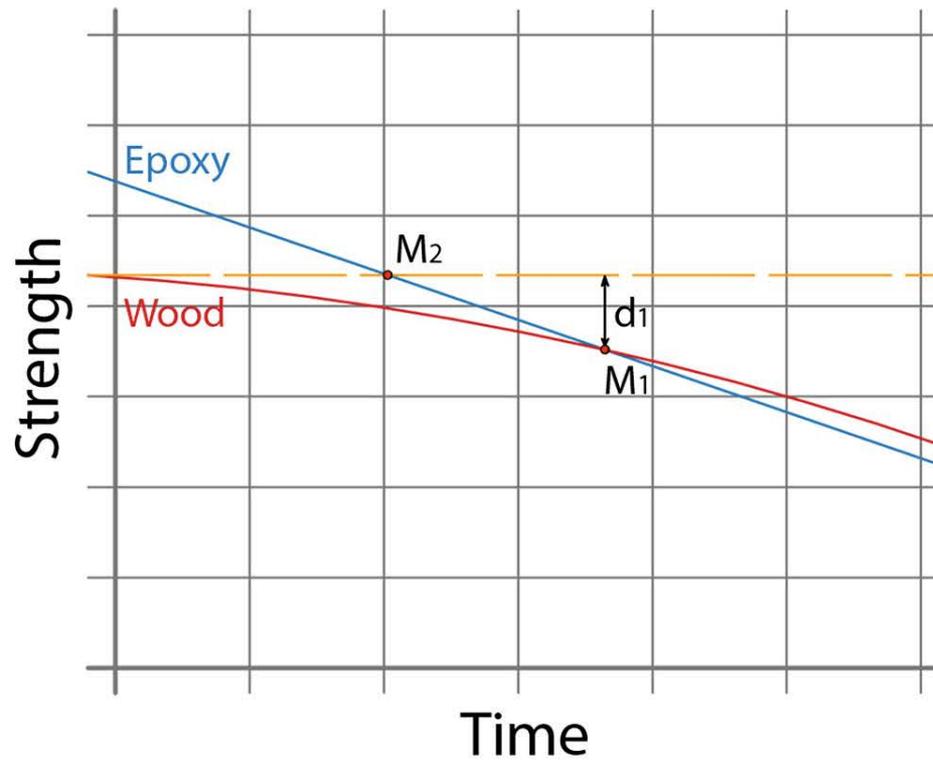


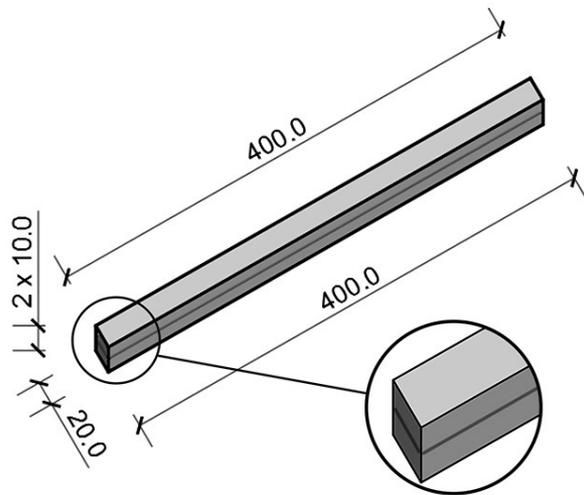
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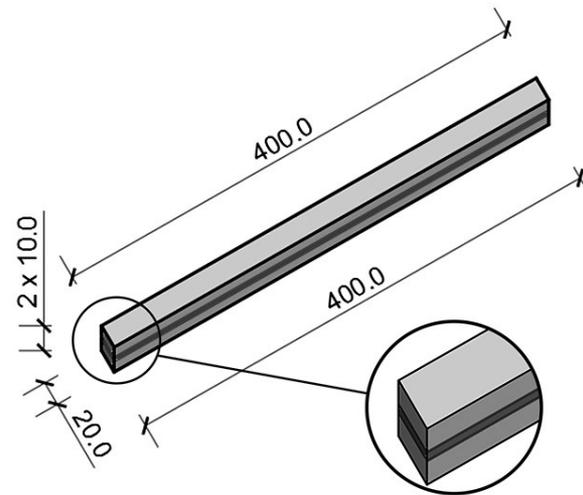
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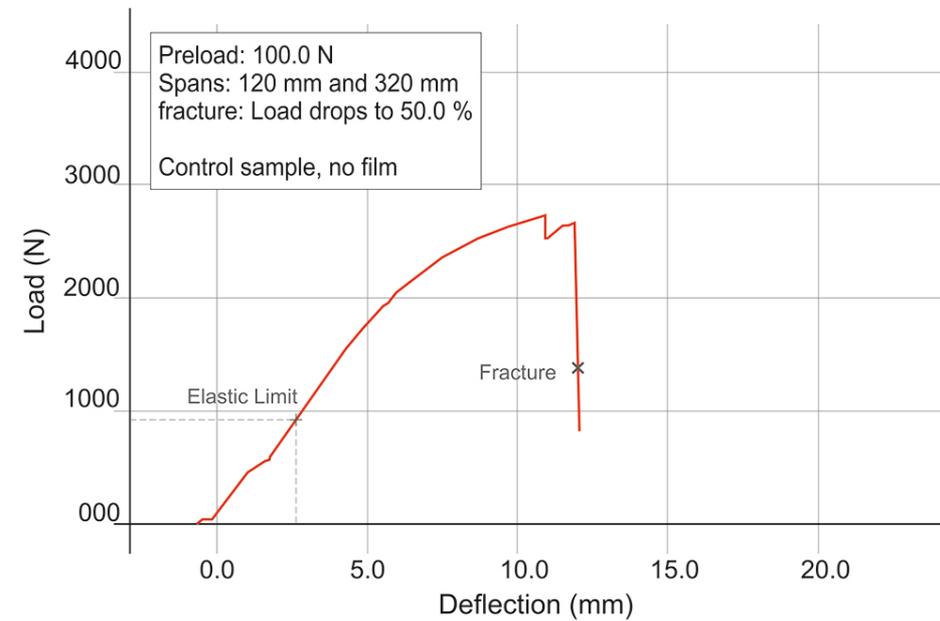


Control - no film sample

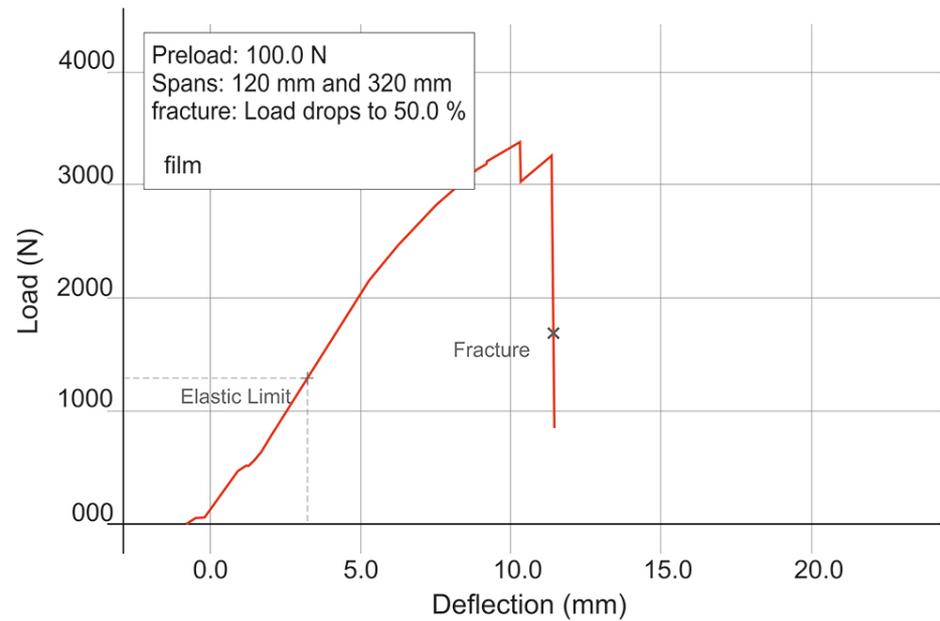


Resin film sample





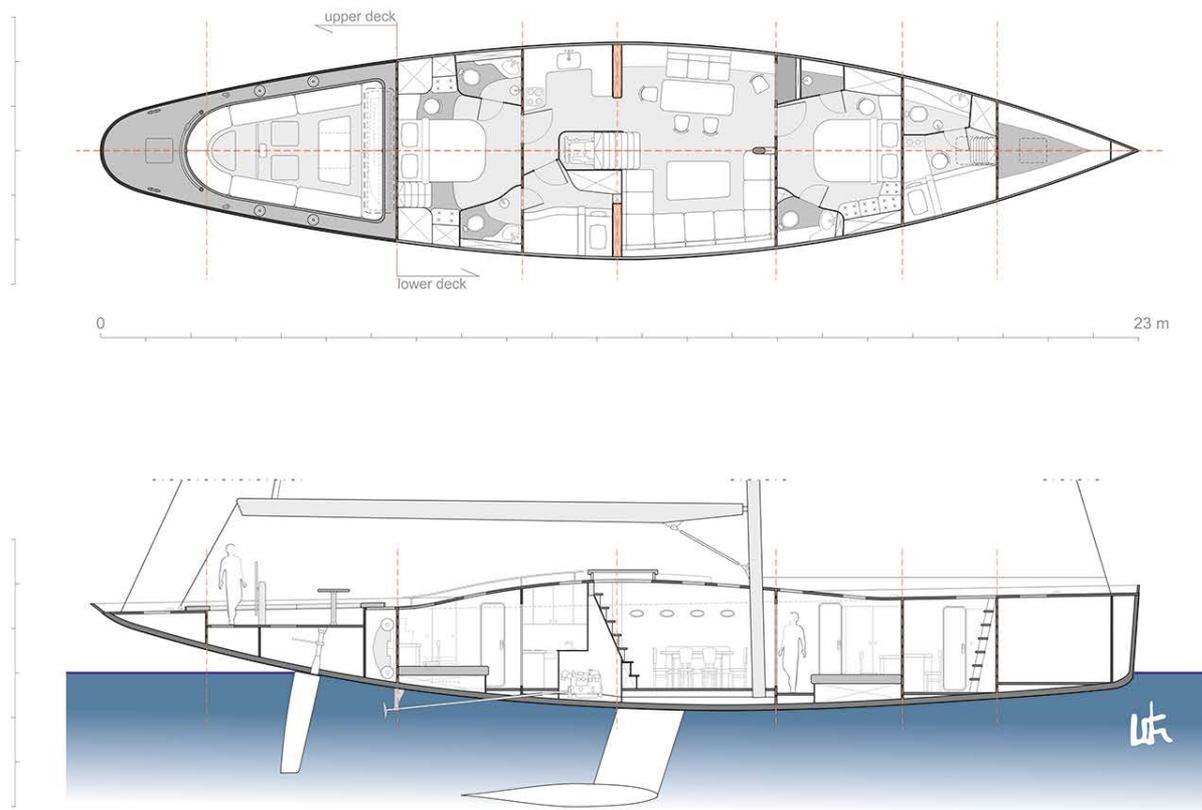
NO FILM



FILM



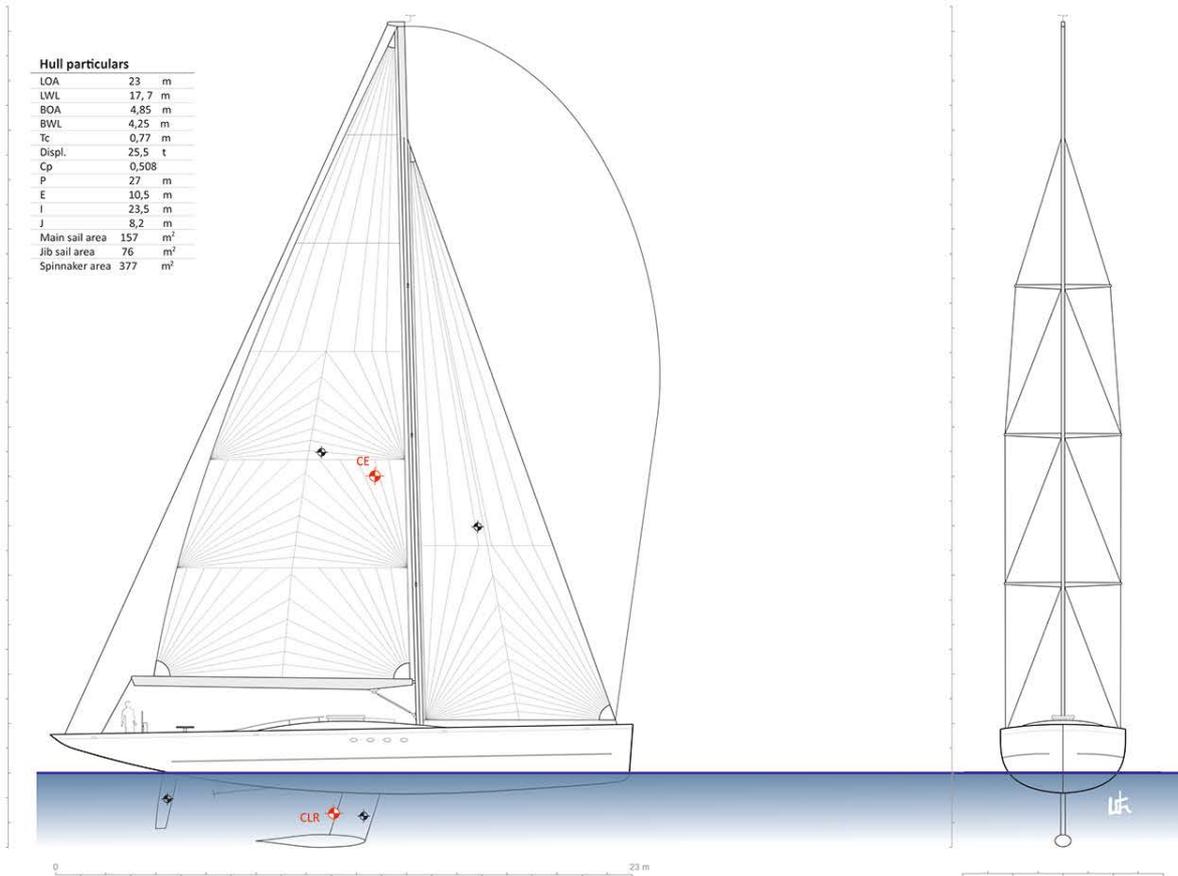




GENERAL ARRANGEMENT

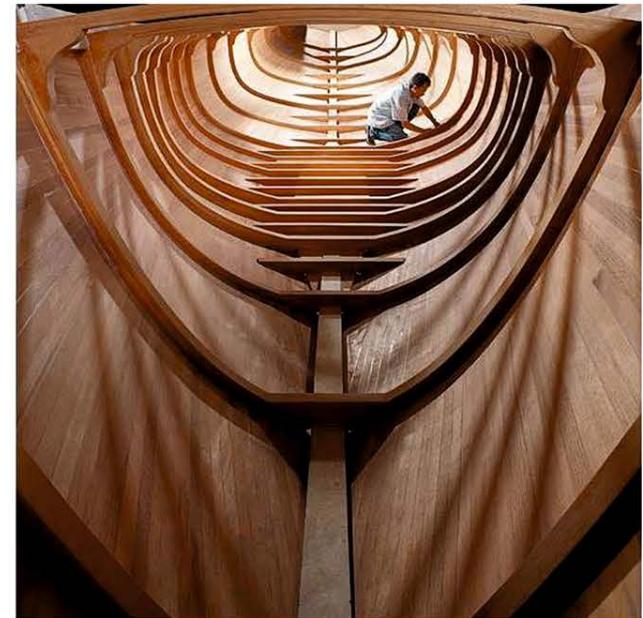
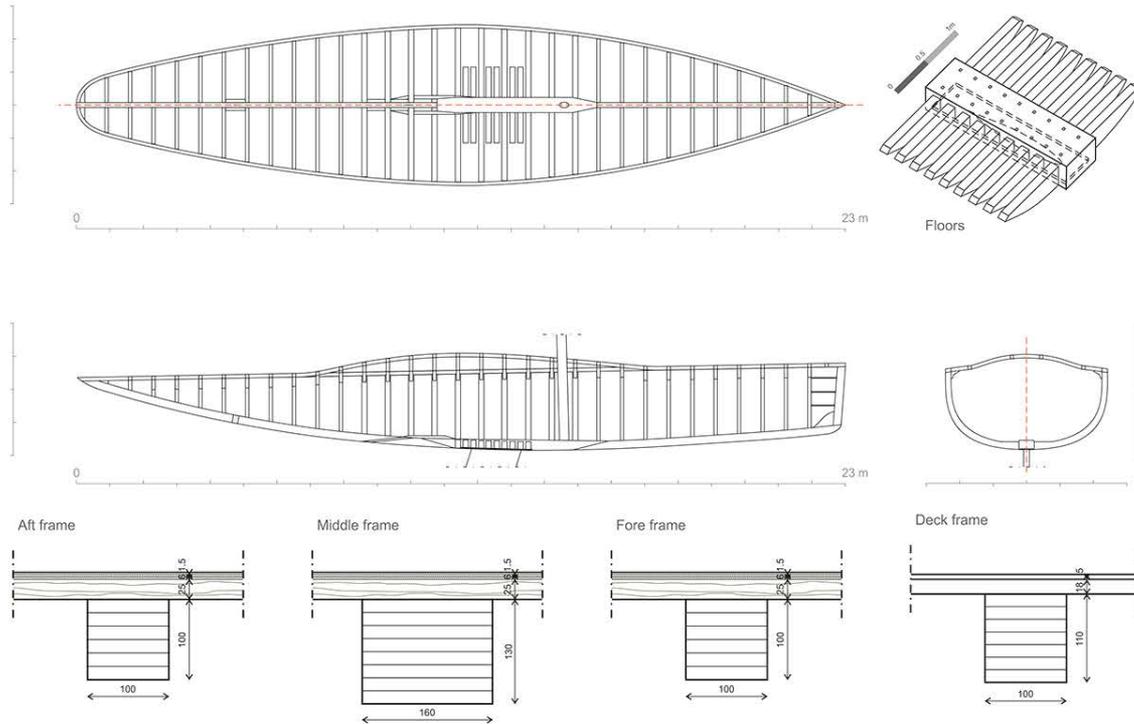
Hull particulars

LOA	23	m
LWL	17.7	m
BOA	4.85	m
BWL	4.25	m
Tc	0.77	m
Displ.	25.5	t
Cp	0.508	
P	27	m
E	10.5	m
I	23.5	m
J	8.2	m
Main sail area	157	m ²
Jib sail area	76	m ²
Spinnaker area	377	m ²



RIG AND SAIL PLAN

STRUCTURE





3D VISUALISATION











