



EC DECLARATION OF CONFORMITY

The undersigned, representing the

**Finnforest Corporation
Kerto Business Unit**

P.O. Box 24
FI-08101 Finland

and

Lohja and Punkaharju mills

herewith declares that the

**Kerto-S and Kerto-Q
Structural laminated veneer lumber**

are in conformity with the provisions of the EC Directive 89/106/CEE (Construction Products Directive - CPD) when intended to be used for structural applications, and that Annex ZA of

EN 14374:2004

has been applied.

The provisions to which the product conforms are given on the reverse side of this declaration.

The notified body VTT Building and Transport has issued the EC-Certificates of conformity 0809-CPD-0505 and 0809-CPD-0506.

Lohja 18th November 2005

Tero Nokelainen
Vice President, R&D

Characteristic	Performance declaration		
	Kerto-S®	Kerto-Q®	
	Thickness 21-90 mm	Thickness 21-24 mm	Thickness 27-69 mm
Bending strength, N/mm ²			
Edgewise	44,0	28,0	32,0
Size effect parameter	0,12	0,12	0,12
Flatwise	50,0	32,0	36,0
Tension strength, N/mm ²			
Parallel to grain	35,0	19,0	26,0
Perpendicular to grain, edgewise	0,8	6,0	6,0
Perpendicular to grain, flatwise	-	-	-
Compression strength, N/mm ²			
Parallel to grain	35,0	19,0	26,0
Perpendicular to grain, edgewise	6,0	9,0	9,0
Perpendicular to grain, flatwise	1,8	1,8	1,8
Shear strength, N/mm ²			
Edgewise	4,1	4,5	4,5
Flatwise	2,3	1,3	1,3
Modulus of elasticity, N/mm ²			
Parallel to grain (mean)	13800	10000	10500
Parallel to grain (5%-fractile)	11600	8300	8800
Shear modulus, N/mm ²			
Edgewise (mean)	600	600	600
Edgewise (5%-fractile)	400	400	400
Flatwise (mean)	600	-	-
Flatwise (5%-fractile)	400	-	-
Density, kg/m ³			
Mean	510	510	510
5%-fractile	480	480	480
Reaction to fire	D-s1, d0	D-s1, d0	D-s1, d0
Release of formaldehyde	E1	E1	E1
Natural durability against biological attack	4	4	4