

Verifica copertura in legno con il modulo DW18 Legno

VERIFICHE

Rettangolare (sezione n. 1; b=50; h=48) ----- ASTA (6-5) 3
 Khz= 1 ; Khy= 1 ; Kht= 1

Instabilita' flessionale						Instabilita' torsionale				
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	332.00	23.96	.416	.598	.973		332.00	6011.0	.182	1.000
Y	332.00	23.00	.399	.589	.977		332.00	5539.8	.190	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	1732.0	-21.6	0.0	-3169.7	-.1	-5.2

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	1.3	.1	0.0	.001	.019	.018	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(9) 332.00

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-1305.2	-.1	-5.2

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	.5	0.0	0.0	0.000	.007	.007	0.00	0.0	0.00	0.0	0.000	si

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (14-13) 7
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

Instabilita' flessionale						Instabilita' torsionale				
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	216.32	93.67	1.625	1.952	.330		216.32	1465.0	.369	1.000
Y	216.32	93.67	1.625	1.952	.330		216.32	1465.0	.369	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-766.2	0.0	.4

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	12.0	0.0	0.0	.025	.478	.478	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(2) 27.04

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	10.3	0.0	0.0	-764.6	0.0	.3

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	11.9	.1	0.0	.026	.478	.477	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(5) 108.16

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	23.6	0.0	0.0	-759.9	0.0	0.0

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	11.9	.3	0.0	.027	.477	.474	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(9) 216.32

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-753.7	0.0	-.4

TENSIONI :

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Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	11.8	0.0	0.0	.024	.470	.470	0.00	0.0	0.00	0.0	.001	si

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (16-15) 8
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

Instabilita' flessionale							Instabilita' torsionale			
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	207.17	89.71	1.556	1.836	.356		207.17	1529.7	.362	1.000
Y	207.17	89.71	1.556	1.836	.356		207.17	1529.7	.362	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-827.3	0.0	.4

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	12.9	0.0	0.0	.029	.478	.478	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(3) 51.79

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	17.0	0.0	0.0	-824.3	0.0	.2

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	12.9	.2	0.0	.031	.478	.476	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(5) 103.58

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	22.6	0.0	0.0	-821.3	0.0	0.0

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	12.8	.3	0.0	.031	.477	.475	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(9) 207.17

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-815.3	0.0	-.4

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	12.7	0.0	0.0	.028	.471	.471	0.00	0.0	0.00	0.0	.001	si

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (18-17) 9
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

Instabilita' flessionale							Instabilita' torsionale			
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	216.32	93.67	1.625	1.952	.330		216.32	1465.0	.369	1.000
Y	216.32	93.67	1.625	1.952	.330		216.32	1465.0	.369	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-1339.2	0.0	.4

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	20.9	0.0	0.0	.076	.835	.835	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(2) 27.04

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	10.3	0.0	0.0	-1337.6	0.0	.3

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TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 20.9 | .1 | 0.0 | .077 | .836 | .834 | 0.00 | 0.0 | 0.00 | 0.0 | .001 | si |

----- PROGR.(5) 108.16

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 1- 1 | 23.6 | 0.0 | 0.0 | -1332.9 | 0.0 | 0.0 |

TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 20.8 | .3 | 0.0 | .078 | .835 | .832 | 0.00 | 0.0 | 0.00 | 0.0 | 0.000 | si |

----- PROGR.(9) 216.32

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 1- 1 | 0.0 | 0.0 | 0.0 | -1326.6 | 0.0 | -0.4 |

TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 20.7 | 0.0 | 0.0 | .074 | .828 | .828 | 0.00 | 0.0 | 0.00 | 0.0 | .001 | si |

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (20-19) 10
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

Instabilita' flessionale					Instabilita' torsionale					
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	216.32	93.67	1.625	1.952	.330		216.32	1465.0	.369	1.000
Y	216.32	93.67	1.625	1.952	.330		216.32	1465.0	.369	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 1- 1 | 0.0 | 0.0 | 0.0 | -1343.1 | 0.0 | .4 |

TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 21.0 | 0.0 | 0.0 | .076 | .838 | .838 | 0.00 | 0.0 | 0.00 | 0.0 | .001 | si |

----- PROGR.(2) 27.04

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 1- 1 | 10.3 | 0.0 | 0.0 | -1341.5 | 0.0 | .3 |

TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 21.0 | .1 | 0.0 | .077 | .838 | .837 | 0.00 | 0.0 | 0.00 | 0.0 | .001 | si |

----- PROGR.(5) 108.16

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 1- 1 | 23.6 | 0.0 | 0.0 | -1336.8 | 0.0 | 0.0 |

TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 20.9 | .3 | 0.0 | .079 | .837 | .834 | 0.00 | 0.0 | 0.00 | 0.0 | 0.000 | si |

----- PROGR.(9) 216.32

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 1- 1 | 0.0 | 0.0 | 0.0 | -1330.5 | 0.0 | -0.4 |

TENSIONI :
 | Caso | St0d | Sc0d | Smzd | Smyd | fsPfd | fsIf1 | fsIto | Ttozd | Tzd | Ttoyd | Tyd | fsTau | VE |
 | 1- 1 | 0.0 | 20.8 | 0.0 | 0.0 | .075 | .830 | .830 | 0.00 | 0.0 | 0.00 | 0.0 | .001 | si |

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (48-47) 24
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

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Instabilita' flessionale						Instabilita' torsionale				
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	207.17	89.71	1.556	1.836	.356		207.17	1529.7	.362	1.000
Y	207.17	89.71	1.556	1.836	.356		207.17	1529.7	.362	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
1- 1	0.0		0.0		0.0		-1415.5		0.0		.4	

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.1	0.0	0.0	.085	.818	.818	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(3) 51.79

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
1- 1	17.0		0.0		0.0		-1412.4		0.0		.2	

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.1	.2	0.0	.087	.818	.816	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(5) 103.58

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
1- 1	22.6		0.0		0.0		-1409.4		0.0		0.0	

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.0	.3	0.0	.087	.817	.814	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(9) 207.17

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
1- 1	0.0		0.0		0.0		-1403.4		0.0		-.4	

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	21.9	0.0	0.0	.083	.811	.811	0.00	0.0	0.00	0.0	.001	si

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (50-49) 25
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

Instabilita' flessionale						Instabilita' torsionale				
As	L0	Lam	LamRel	k	kc		L0	Scrit	LamRel	K crit
Z	207.17	89.71	1.556	1.836	.356		207.17	1529.7	.362	1.000
Y	207.17	89.71	1.556	1.836	.356		207.17	1529.7	.362	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
1- 1	0.0		0.0		0.0		-1418.0		0.0		.4	

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.2	0.0	0.0	.085	.819	.819	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(3) 51.79

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
1- 1	17.0		0.0		0.0		-1415.0		0.0		.2	

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.1	.2	0.0	.087	.820	.818	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(5) 103.58

SOLLECITAZIONI :

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Caso	MZ	MY	MT	N	TZ	TY
1- 1	22.6	0.0	0.0	-1412.0	0.0	0.0

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.1	.3	0.0	.087	.819	.816	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(9) 207.17

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-1406.0	0.0	-.4

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	22.0	0.0	0.0	.084	.812	.812	0.00	0.0	0.00	0.0	.001	si

Rettangolare (sezione n. 5; b=8; h=8) ----- ASTA (52-51) 26
 Khz= 1.134 ; Khy= 1.134 ; Kht= 1.134

Instabilita' flessionale						Instabilita' torsionale			
As	L0	Lam	LamRel	k	kc	L0	Scrit	LamRel	K crit
Z	207.17	89.71	1.556	1.836	.356	207.17	1529.7	.362	1.000
Y	207.17	89.71	1.556	1.836	.356	207.17	1529.7	.362	1.000

----- PROGR.(1) 0.00

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-1375.9	0.0	.4

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	21.5	0.0	0.0	.080	.795	.795	0.00	0.0	0.00	0.0	.001	si

----- PROGR.(3) 51.79

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	17.0	0.0	0.0	-1372.9	0.0	.2

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	21.5	.2	0.0	.082	.795	.793	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(5) 103.58

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	22.6	0.0	0.0	-1369.8	0.0	0.0

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	21.4	.3	0.0	.082	.794	.792	0.00	0.0	0.00	0.0	0.000	si

----- PROGR.(9) 207.17

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.0	0.0	0.0	-1363.8	0.0	-.4

TENSIONI :

Caso	St0d	Sc0d	Smzd	Smyd	fsPfd	fsIf1	fsIto	Ttozd	Tzd	Ttoyd	Tyd	fsTau	VE
1- 1	0.0	21.3	0.0	0.0	.079	.788	.788	0.00	0.0	0.00	0.0	.001	si

Rettangolare (sezione n. 6; b=7; h=25) ----- ASTA (79-80) 40
 Khz= 1 ; Khy= 1.165 ; Kht= 1

..... MISSED

Rettangolare (sezione n. 6; b=7; h=25) ----- ASTA (23-144) 93
 Khz= 1 ; Khy= 1.165 ; Kht= 1

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Instabilita' flessionale

As	L0	Lam	LamRel	k	kc
Z	240.01	33.26	.577	.694	.926
Y	240.01	118.77	2.060	2.798	.213

Instabilita' torsionale

	L0	Scrit	LamRel	K crit
	240.01	378.62	.727	1.000
	240.01	4829.4	.204	1.000

..... MISSED

Rettangolare (sezione n. 6; b=7; h=25) ----- ASTA (49-101) 121
 Khz= 1 ; Khy= 1.165 ; Kht= 1

Instabilita' flessionale

As	L0	Lam	LamRel	k	kc
Z	460.91	63.87	1.108	1.194	.610
Y	460.91	228.09	3.956	8.690	.061

Instabilita' torsionale

	L0	Scrit	LamRel	K crit
	460.91	197.16	1.007	.805
	460.91	2514.8	.282	1.000

..... MISSED

Rettangolare (sezione n. 7; b=15; h=25) ----- ASTA (12-143) 170
 Khz= 1 ; Khy= 1 ; Kht= 1

Instabilita' flessionale

As	L0	Lam	LamRel	k	kc
Z	55.00	7.62	.132	.492	1.035
Y	55.00	12.70	.220	.516	1.017

Instabilita' torsionale

	L0	Scrit	LamRel	K crit
	55.00	7030.8	.169	1.000
	55.00	19530.	.101	1.000

..... MISSED

