

National Annex to EC9 – Aluminium code check

Following articles which should have a National Annex to EN 1999-1-1 are taken into account in Scia engineer:

- Article 5.3.2 (3) b: Bow imperfections
- Article 5.3.4 (3): Member imperfections
- Article 6.1.3 (1): Partial safety factors
- Article 6.2.1 (5): Resistance Yield Criterion

Name	EC-EN
<input type="checkbox"/> Aluminium	
<input type="checkbox"/> National annex	
<input type="checkbox"/> Bow Imperfections	EN 1999-1-1: 5.3.2(3) b
e0/L Class A elastic	300,00
e0/L Class A plastic	250,00
e0/L Class B plastic	200,00
e0/L Class B plastic	150,00
<input type="checkbox"/> Member Imperfection	EN 1999-1-1: 5.3.4(3)
k	0,50
<input type="checkbox"/> Partial Safety Factors	EN 1999-1-1: 6.1.3(1)
Gamma M1 [-]	1,10
Gamma M2 [-]	1,25
<input type="checkbox"/> Resistance Yield Criterion	EN 1999-1-1: 6.2.1(5)
C	1,20