

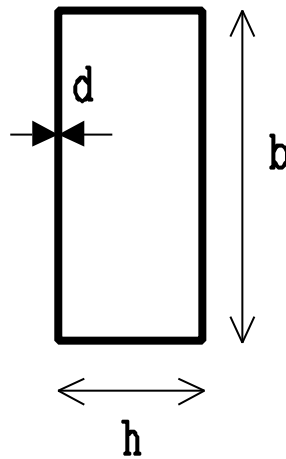
Energy labelling data for Erbslöh Rolltech Spacers

Material data:

When modelling the profiles the following material data has been used:

Materials	? in W/m ² K
Aluminium	160

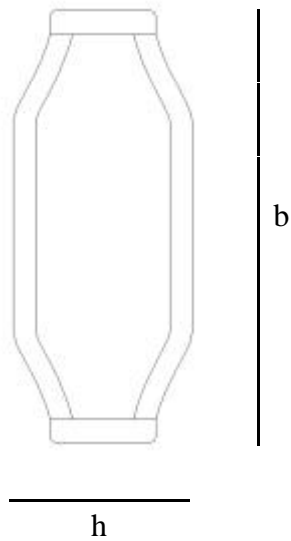
“Wiener Sprosse”:



Calculations on spacers has been performed with butyl and polysulfide and based on the assumption of direct contact between aluminium and glazing.

Profile id.	Dimensions h×b (mm)	d (mm)	Equivalent thermal conductivity [W/mK]	
			Calculated	Rounded
18x12-2	11.5×18.0	0,42	5.406	5.41
20x12-2	11.5×20.0	0,42	4.711	4.71
24x12-2	11.5×24.0	0,42	3.679	3.68
30x12-2	11.5×30.0	0,42	2.693	2.69
18x10-2	9.5×18.0	0,42	5.101	5.10
20x10-2	9.5×20.0	0,42	4.383	4.38
24x10-2	9.5×24.0	0,42	3.420	3.42
30x12-2	9.5×30.0	0,42	2.479	2.48

Sprossen serien "76":

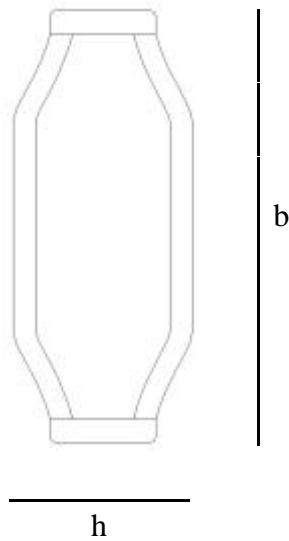


Material thickness of the aluminium profile is 1 mm.

Calculations on spacers has been performed with butyl and polysulfide and based on the assumption of direct contact between aluminium and glazing.

Profile id.	Dimensions h×b (mm)	Equivalent thermal conductivity [W/mK]	
		Calculated	Rounded
46193	8.0×18.0	1.123	1.12
46195	8.0×26.0	1.642	1.64
46194	8.0×45.0	1.650	1.65
38433	10.0×8.0	0.138	0.13
38688	10.0×26.0	2.242	2.24
39181	10.0×45.0	2.119	2.12

Sprossen serien "Europa":



Material thickness of the aluminium profile is 0.8 mm.

Calculations on spacers has been performed with butyl and polysulfide and based on the assumption of direct contact between aluminium and glazing.

Profile id.	Dimensions h×b (mm)	Equivalent thermal conductivity [W/mK]	
		Calculated	Rounded
53715	7.2×17.2	10.04	10.0
53503	7.2×25.2	5.610	5.61
54038	7.2×44.3	2.280	2.28
56597	10.0×18.0	10.40	10.4
49572	10.0×26.0	6.131	6.13
56604	10.0×45.0	2.685	2.69