

Rolltech - Cromatech spacer profiles

Manufacture:

Rolltech A/S
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 Denmark

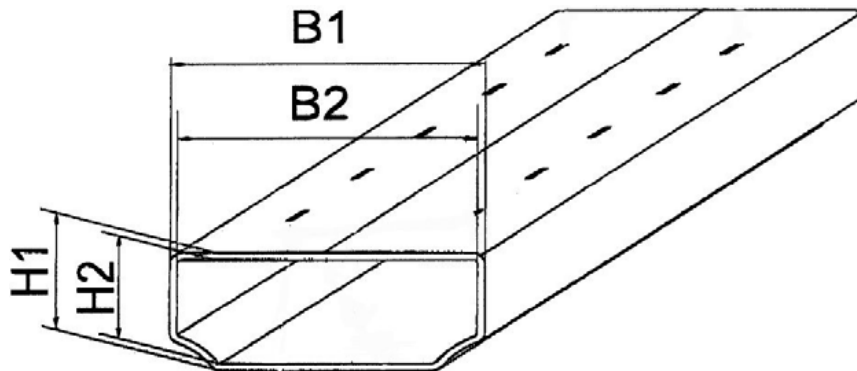
Material data:

When modelling the profiles following material data has been used:

Materials	λ in W/m ² K
Butyl	0.24*
Dessicant	0.13*
Polysulfide	0.40*
Stainless steel	14.3

*Materials for which the manufacture has not specified exact material data, values from prEN ISO 10077-2 has been used:

Normal spacers:



Calculations on the spacers has been performed using 0.3 mm butyl rubber along both sides of the spacer and 3 mm polysulfide along the lower part of the spacer.

Profile id.	Dimensions (with butyl & polysulfide) d×h (mm)	H1 (mm)	H3 (mm)	B1 (mm)	d (mm)	Equivalent thermal conductivity [W/mK]		L value [W/mK]
						Old method	New method	New Method
Chromatech 8	8.1×9.5	6.5	5	7.5	0.18	0.57	0.69	0.81
Chromatech 10	10.1×9.5	6.5	5	9.5	0.18	0.60	0.71	0.66
Chromatech 12	12.1×9.5	6.5	5	11.5	0.18	0.62	0.71	0.56
Chromatech 14	14.1×9.5	6.5	5	13.5	0.18	0.63	0.72	0.48
Chromatech 16	16.1×9.5	6.5	5	15.5	0.18	0.65	0.72	0.42
Chromatech 18	18.1×9.5	6.5	5	17.5	0.18	0.66	0.72	0.38
Chromatech 20	20.1×9.5	6.5	5	19.5	0.18	0.66	0.73	0.34
Chromatech 24	24.1×9.5	6.5	5	23.5	0.18	0.67	0.74	0.29