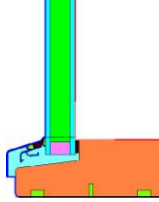
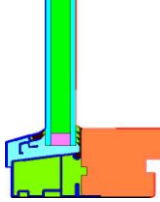
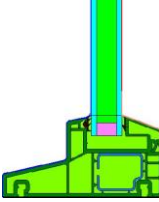
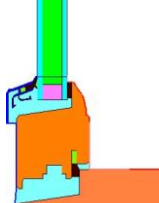
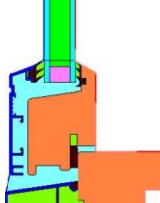
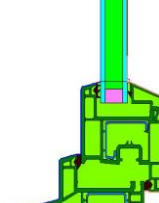


Calculation of PSI values on ROLLTECH spacers according to the DANISH ABC-marking.

Calculation performed by DTI Aarhus Denmark – original Danish version can be found at www.energimarkning.dk

Spacer	Equivalent Thermal conductivity	WOOD	WOOD/Aluminium	PVC
		4-15-4	4-15-4	4-15-4
Aluminium	3,170	0,080 (B)	0,058 (A)	0,061 (A)
Galvanized Steel FERROTECH	2,280	0,076 (B)	0,057 (A)	0,059 (A)
CHROMATECH Stainless Steel 0.18	0,720	0,057 (A)	0,049 (A)	0,047 (A)
CHROMATECH plus Stainless Steel 0.15	0,600	0,055 (A)	0,049 (A)	0,046 (A)
CHROMATECH ultra Stainless steel /Polycarbonate	0,343	0,044 (A)	0,044 (A)	0,038 (A)
Frame System	Width of spacer: 15 mm			
Dimensions, b x d[mm]		46,5 x 123	52,8 x 122	60,8 x 120

Profiltype	Equivalent Thermal conductivity	WOOD	WOOD/Aluminium	PVC
		4-15-4	4-15-4	4-15-4
Aluminium	3,170	0,095 (B)	0,072 (B)	0,059 (A)
Galvanized Steel FERROTECH	2,280	0,090 (B)	0,069 (B)	0,057 (A)
CHROMATECH Stainless Steel 0.18	0,720	0,067 (A)	0,053 (A)	0,046 (A)
CHROMATECH plus Stainless Steel 0.15	0,600	0,065 (A)	0,052 (A)	0,045 (A)
CHROMATECH ultra Stainless steel /Polycarbonate	0,343	0,051 (A)	0,042 (A)	0,037 (A)
Frame system	Width of spacer: 15 mm			
Dimensions, b x d[mm]		130 x 123	107 x 117	111 x 136

Comments:

The classification is based on Appendix 2 in the Technical decisions for windows (www.energimarkning.dk). A PSI-value class is decided after the value has been rounded to 2 decimals.