

$U_w$ -value calculation according to formula:  $U_w = (A_g * U_g + A_f * U_f + I_g * \psi) / (A_g + A_f)$

123	output
123	calculation
123	input

**Super Spacer TriSeal**

$A_g = 1,24 \text{ m}^2$

$U_g = 1,1 \text{ w}/(\text{m}^2\text{K})$

  

$A_f = 0,58 \text{ m}^2$

$U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$

$I_g = 4,48 \text{ m}$

$\psi = 0,035 \text{ W}/(\text{mK})$

  

$U_w = 1,2180 \text{ W}/(\text{m}^2\text{K})$

$1,2 \text{ W}/(\text{m}^2\text{K})$

**stainless steel**

$A_g = 1,24 \text{ m}^2$

$U_g = 1,1 \text{ w}/(\text{m}^2\text{K})$

  

$A_f = 0,58 \text{ m}^2$

$U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$

$I_g = 4,48 \text{ m}$

$\psi = 0,05 \text{ W}/(\text{mK})$

  

$U_w = 1,2549 \text{ W}/(\text{m}^2\text{K})$

$1,3 \text{ W}/(\text{m}^2\text{K})$

**Aluminium**

$A_g = 1,24 \text{ m}^2$

$U_g = 1,1 \text{ w}/(\text{m}^2\text{K})$

  

$A_f = 0,58 \text{ m}^2$

$U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$

$I_g = 4,48 \text{ m}$

$\psi = 0,1 \text{ W}/(\text{mK})$

  

$U_w = 1,3780 \text{ W}/(\text{m}^2\text{K})$

$1,4 \text{ W}/(\text{m}^2\text{K})$

$U_w$ -value calculation according to formula:  $U_w = (A_g * U_g + A_f * U_f + l_g * \psi) / (A_g + A_f)$

123	output
123	calculation
123	input

**Super Spacer Standard**

$A_g = 1,24 \text{ m}^2$

$U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$

$A_f = 0,58 \text{ m}^2$

$U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$

$l_g = 4,48 \text{ m}$

$\psi = 0,032 \text{ W}/(\text{mK})$

$U_w = 1,2106 \text{ W}/(\text{m}^2\text{K})$

$1,2 \text{ W}/(\text{m}^2\text{K})$

**WE composite**

$A_g = 1,24 \text{ m}^2$

$U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$

$A_f = 0,58 \text{ m}^2$

$U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$

$l_g = 4,48 \text{ m}$

$\psi = 0,041 \text{ W}/(\text{mK})$

$U_w = 1,2328 \text{ W}/(\text{m}^2\text{K})$

$1,2 \text{ W}/(\text{m}^2\text{K})$

**stainless steel**

$A_g = 1,24 \text{ m}^2$

$U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$

$A_f = 0,58 \text{ m}^2$

$U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$

$l_g = 4,48 \text{ m}$

$\psi = 0,051 \text{ W}/(\text{mK})$

$U_w = 1,2574 \text{ W}/(\text{m}^2\text{K})$

$1,3 \text{ W}/(\text{m}^2\text{K})$