




AUGUST 2022
BUILDING PHYSICS CHARACTERISTIC VALUES

Isokorb® for steel structures



Load-bearing thermal insulation elements for the effective reduction of thermal bridges in cantilevered steel constructions.

Schöck Isokorb® T type SK, SQ

T type SK	M1-V1		M1-V2		MM1-VV1		MM2-VV1		MM2-VV2	
	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}
H [mm]										
180	0.204	0.393	0.192	0.417	0.204	0.393	0.108	0.743	0.103	0.773
200	0.225	0.356	0.211	0.380	0.225	0.356	0.119	0.672	0.114	0.700
220	0.244	0.328	0.230	0.348	0.244	0.328	0.130	0.614	0.125	0.639
240	0.263	0.304	0.249	0.321	0.263	0.304	0.141	0.567	0.136	0.589
250	0.273	0.293	0.258	0.310	0.273	0.293	0.147	0.545	0.141	0.567
260	0.283	0.283	0.268	0.299	0.283	0.283	0.152	0.525	0.146	0.547
280	0.302	0.265	0.285	0.281	0.302	0.265	0.163	0.491	0.157	0.509

T type SQ	V1		V2		V3	
	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}
H [mm]						
180	0.340	0.235	0.307	0.261	0.274	0.292
200	0.370	0.216	0.335	0.239	0.302	0.265
220	0.402	0.199	0.364	0.220	0.328	0.244
240	0.430	0.186	0.390	0.205	0.351	0.228
250	0.447	0.179	0.404	0.198	0.364	0.220
260	0.460	0.174	0.419	0.191	0.377	0.212
280	0.488	0.164	0.444	0.180	0.400	0.200

- R_{eq} Equivalent thermal transmission resistance in $m^2 \cdot K/W$
- λ_{eq} Equivalent thermal conductivity in $W/(m \cdot K)$
- Values determined on the basis of EAD (European Assessment Document): EAD 050001-00-0301 (2018/C 090/04)

Schöck Isokorb® T type S

T type S-V	D16		D22	
H [mm]	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}
80	0.077	1.038	0.057	1.405

T type S-N	D16		D22	
H [mm]	R_{eq}	λ_{eq}	R_{eq}	λ_{eq}
60	0.123	0.648	0.067	1.195

- R_{eq} Equivalent thermal transmission resistance in $m^2 \cdot K/W$
- λ_{eq} Equivalent thermal conductivity in $W/(m \cdot K)$
- Values determined on the basis of EAD (European Assessment Document): EAD 050001-00-0301 (2018/C 090/04)

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