

(1A) BOUWKNOOP FUNDERINGSAANZET - VOLLE GROND met vloerisolatieplaten en uitvulchape

dikte	muuropbouw
9 cm	Barry gevelsteen
3 cm	matig verluchte luchtsponw
zie tabel	isolatie
14 cm	Ploegsteert Thermobloc
1 cm	bepleistering

Ploegsteert Lambdabloc 14 cm breed

vloeropbouw	dikte
vloerafwerking, tegels	1 cm
dekvloer, gewapend	6 - 10 cm
vloerisolatie	zie tabel
dekvloer, ongewapend	6 - 10 cm
vloerplaat in beton	10 - 20 cm

Lambdabloc 25 cm hoog

$\Psi_{\text{e lim}} = 0.05 \text{ W/mK}$
Waarde bij ontstentenis =
0.20 W/mK

		vloerisolatie																				dikte λ-waarde
		6 cm					8 cm					10 cm					12 cm					
		0.023	0.030	0.033	0.034	0.035	0.023	0.030	0.033	0.034	0.035	0.023	0.030	0.033	0.034	0.035	0.023	0.030	0.033	0.034	0.035	
spouwisolatie	8 cm	0.023	-0.298	-0.312	-0.315	-0.316	-0.316	-0.295	-0.308	-0.311	-0.311	-0.316	-0.306	-0.315	-0.320	-0.325	-0.326	-0.305	-0.315	-0.322	-0.323	-0.324
		0.029	-0.313	-0.327	-0.330	-0.330	-0.331	-0.311	-0.323	-0.326	-0.327	-0.332	-0.322	-0.331	-0.336	-0.341	-0.342	-0.322	-0.332	-0.338	-0.339	-0.341
		0.030	-0.316	-0.329	-0.332	-0.333	-0.333	-0.313	-0.325	-0.329	-0.329	-0.334	-0.324	-0.334	-0.338	-0.343	-0.344	-0.324	-0.335	-0.341	-0.342	-0.343
		0.032	-0.320	-0.334	-0.337	-0.337	-0.338	-0.318	-0.330	-0.333	-0.334	-0.339	-0.329	-0.338	-0.343	-0.348	-0.349	-0.329	-0.340	-0.346	-0.347	-0.348
		0.033	-0.323	-0.336	-0.339	-0.339	-0.340	-0.320	-0.332	-0.336	-0.336	-0.341	-0.332	-0.341	-0.345	-0.351	-0.352	-0.332	-0.342	-0.348	-0.349	-0.351
		0.034	-0.325	-0.338	-0.341	-0.342	-0.342	-0.322	-0.335	-0.338	-0.338	-0.343	-0.334	-0.343	-0.348	-0.353	-0.354	-0.334	-0.344	-0.351	-0.352	-0.353
	0.036	-0.329	-0.342	-0.345	-0.346	-0.347	-0.327	-0.339	-0.342	-0.343	-0.348	-0.339	-0.348	-0.352	-0.358	-0.359	-0.339	-0.349	-0.355	-0.357	-0.358	
	10 cm	0.023	-0.293	-0.308	-0.312	-0.312	-0.313	-0.288	-0.302	-0.306	-0.306	-0.311	-0.297	-0.308	-0.313	-0.318	-0.319	-0.295	-0.307	-0.314	-0.315	-0.317
		0.029	-0.306	-0.321	-0.324	-0.325	-0.326	-0.302	-0.315	-0.319	-0.319	-0.325	-0.311	-0.321	-0.327	-0.332	-0.333	-0.310	-0.321	-0.328	-0.329	-0.331
		0.030	-0.308	-0.323	-0.327	-0.327	-0.328	-0.304	-0.317	-0.321	-0.321	-0.327	-0.313	-0.324	-0.329	-0.334	-0.335	-0.312	-0.324	-0.330	-0.331	-0.333
		0.032	-0.312	-0.327	-0.330	-0.331	-0.332	-0.308	-0.321	-0.325	-0.326	-0.331	-0.318	-0.328	-0.333	-0.338	-0.340	-0.317	-0.328	-0.335	-0.336	-0.337
		0.033	-0.314	-0.329	-0.332	-0.333	-0.334	-0.310	-0.323	-0.327	-0.328	-0.333	-0.320	-0.330	-0.335	-0.341	-0.342	-0.319	-0.330	-0.337	-0.338	-0.340
		0.034	-0.316	-0.331	-0.334	-0.335	-0.336	-0.312	-0.325	-0.329	-0.330	-0.335	-0.322	-0.332	-0.337	-0.343	-0.344	-0.321	-0.332	-0.339	-0.340	-0.342
	0.036	-0.320	-0.335	-0.338	-0.339	-0.340	-0.316	-0.329	-0.333	-0.333	-0.339	-0.326	-0.336	-0.341	-0.347	-0.348	-0.325	-0.337	-0.343	-0.344	-0.346	
	12 cm	0.023	-0.291	-0.308	-0.312	-0.312	-0.314	-0.285	-0.300	-0.304	-0.304	-0.310	-0.293	-0.304	-0.310	-0.315	-0.316	-0.290	-0.302	-0.309	-0.311	-0.313
		0.029	-0.303	-0.319	-0.323	-0.324	-0.325	-0.297	-0.311	-0.315	-0.316	-0.322	-0.305	-0.316	-0.322	-0.327	-0.329	-0.303	-0.315	-0.322	-0.323	-0.325
		0.030	-0.304	-0.321	-0.325	-0.325	-0.327	-0.298	-0.313	-0.317	-0.318	-0.323	-0.307	-0.318	-0.324	-0.329	-0.330	-0.305	-0.317	-0.324	-0.325	-0.327
		0.032	-0.308	-0.324	-0.328	-0.329	-0.330	-0.302	-0.317	-0.321	-0.322	-0.327	-0.311	-0.322	-0.328	-0.333	-0.334	-0.309	-0.321	-0.328	-0.329	-0.331
		0.033	-0.310	-0.326	-0.330	-0.331	-0.332	-0.304	-0.319	-0.323	-0.323	-0.329	-0.313	-0.324	-0.329	-0.335	-0.336	-0.311	-0.323	-0.330	-0.331	-0.333
		0.034	-0.312	-0.328	-0.332	-0.332	-0.333	-0.306	-0.320	-0.325	-0.325	-0.331	-0.315	-0.326	-0.331	-0.337	-0.338	-0.313	-0.325	-0.332	-0.333	-0.335
	0.036	-0.315	-0.331	-0.335	-0.336	-0.337	-0.309	-0.324	-0.328	-0.329	-0.334	-0.318	-0.329	-0.335	-0.340	-0.342	-0.316	-0.329	-0.336	0.337	-0.339	
	14 cm	0.023	-0.292	-0.309	-0.314	-0.315	-0.316	-0.284	-0.300	-0.304	-0.305	-0.311	-0.291	-0.303	-0.309	-0.315	-0.316	-0.287	-0.300	-0.308	-0.309	-0.311
		0.029	-0.302	-0.319	-0.324	-0.325	-0.326	-0.294	-0.310	-0.315	-0.315	-0.321	-0.301	-0.314	-0.320	-0.325	-0.327	-0.298	-0.312	-0.319	-0.321	-0.322
		0.030	-0.303	-0.321	-0.325	-0.326	-0.328	-0.306	-0.312	-0.316	-0.317	-0.323	-0.303	-0.316	-0.321	-0.327	-0.328	-0.300	-0.313	-0.321	-0.322	-0.324
0.032		-0.307	-0.324	-0.329	-0.329	-0.331	-0.299	-0.315	-0.320	-0.320	-0.326	-0.307	-0.319	-0.325	-0.330	-0.332	-0.304	-0.317	-0.324	-0.326	-0.328	
0.033		-0.308	-0.326	-0.330	-0.331	-0.332	-0.301	-0.317	-0.321	-0.322	-0.328	-0.308	-0.321	-0.327	-0.332	-0.334	-0.305	-0.319	-0.326	-0.328	-0.329	
0.034		-0.310	-0.327	-0.332	-0.333	-0.334	-0.302	-0.318	-0.323	-0.324	-0.329	-0.310	-0.322	-0.328	-0.334	-0.335	-0.307	-0.320	-0.328	-0.329	-0.331	
0.036	-0.313	-0.330	-0.335	-0.336	-0.337	-0.306	-0.321	-0.326	-0.327	-0.332	-0.313	-0.326	-0.332	-0.337	-0.339	-0.311	-0.324	-0.331	-0.333	-0.334		
16 cm	0.023	-0.294	-0.312	-0.317	-0.318	-0.320	-0.284	-0.301	-0.306	-0.307	-0.313	-0.290	-0.303	-0.310	-0.316	-0.317	-0.286	-0.300	-0.308	-0.309	-0.311	
	0.029	-0.303	-0.321	-0.326	-0.327	-0.329	-0.294	-0.311	-0.316	-0.317	-0.322	-0.300	-0.313	-0.319	-0.325	-0.327	-0.296	-0.310	-0.318	-0.319	-0.321	
	0.030	-0.304	-0.323	-0.328	-0.329	-0.330	-0.295	-0.312	-0.317	-0.318	-0.324	-0.301	-0.315	-0.321	-0.327	-0.328	-0.298	-0.312	-0.319	-0.321	-0.323	
	0.032	-0.307	-0.326	-0.331	-0.332	-0.333	-0.298	-0.315	-0.320	-0.321	-0.327	-0.305	-0.318	-0.324	-0.330	-0.331	-0.301	-0.315	-0.323	-0.324	-0.326	
	0.033	-0.308	-0.327	-0.332	-0.333	-0.334	-0.300	-0.317	-0.322	-0.322	-0.328	-0.306	-0.319	-0.326	-0.331	-0.333	-0.302	-0.316	-0.324	-0.326	-0.328	
	0.034	-0.310	-0.329	-0.333	-0.334	-0.336	-0.301	-0.318	-0.323	-0.324	-0.330	-0.308	-0.321	-0.327	-0.333	-0.334	-0.304	-0.318	-0.326	-0.327	-0.329	
0.036	-0.313	-0.331	-0.336	-0.337	-0.339	-0.304	-0.321	-0.326	-0.327	-0.333	-0.311	-0.324	-0.330	-0.336	-0.337	-0.307	-0.321	-0.329	-0.331	-0.332		

De thermische prestaties van de Ploegsteert Lambdabloc werden berekend met het driedimensionaal stationair thermisch simulatieprogramma TRISCO (Physibel). Dit programma is EN 10211-conform.