

TECHNICAL DATA

KORAFLEX Optimal FKO															
Depth [mm]	70					90					110				
Width [mm]	140	200	260	320	400	140	200	260	320	400	140	200	260	320	400
Temperature exponent n [-]	1.4629	1.4587	1.6148	1.5550	1.5235	1.5247	1.5373	1.5643	1.4599	1.4607	1.4888	1.4739	1.4385	1.4622	1.4569
K _M [-]	0.5237	0.8428	0.5462	0.8292	1.1356	0.4984	0.9832	1.1276	2.2897	3.0400	0.6325	1.4933	2.2235	2.7578	3.6726
Unit weight [kg/m]	3.37	4.16	4.80	5.84	7.03	3.68	4.51	5.14	6.22	7.45	4.04	4.90	5.56	6.66	7.93
Water volume [l/m]	0.146	0.298	0.298	0.450	0.602	0.146	0.298	0.298	0.450	0.602	0.146	0.298	0.298	0.450	0.602
Effective exchange area [mm]	L-380	L-290	L-290	L-330	L-290	L-380	L-290	L-290	L-329	L-290	L-380	L-290	L-290	L-329	L-290

KORAFLEX Optimal FKO														
Depth [mm]	130					150					190			
Width [mm]	140	200	260	320	400	140	200	260	320	400	200	260	320	400
Temperature exponent n [-]	1.5855	1.5143	1.6077	1.5011	1.5119	1.547	1.5528	1.524	1.5165	1.5296	1.5264	1.4983	1.5283	1.5329
K _M [-]	0.5368	1.2876	1.2653	2.6804	3.2918	0.7221	1.1914	2.0527	2.7951	3.2822	1.4689	2.4826	3.2576	4.3843
Unit weight [kg/m]	4.54	5.83	6.53	7.91	9.53	4.93	6.37	7.07	8.55	10.27	7.23	7.89	9.43	11.22
Water volume [l/m]	0.298	0.602	0.602	0.907	1.211	0.298	0.602	0.602	0.907	1.211	0.602	0.602	0.907	1.211
Effective exchange area [mm]	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290	L-290

KORAFLEX Optimal FKO						
Depth [mm]	300			450		
Width [mm]	260	320	400	260	320	400
Temperature exponent n [-]	1.482	1.4769	1.4734	1.4575	1.4849	1.4713
K _M [-]	3.1317	4.7389	5.8846	4.7737	5.0865	6.9477
Unit weight [kg/m]	11.37	13.09	15.07	15.38	17.25	19.31
Water volume [l/m]	0.602	0.907	1.211	0.602	0.907	1.211
Effective exchange area [mm]	L-290	L-290	L-290	L-290	L-290	L-290

Characteristic equation

$$\phi = K_M \cdot \Delta T^n$$

KORAFLEX Thin FKT				
Depth [mm]	60			
Width [mm]	140	200	260	320
Temperature exponent n [-]	1.3030	1.5552	1.7953	1.6785
K _M [-]	1.0049	0.6631	0.2991	0.5668
Unit weight [kg/m]	4.83	6.43	7.78	9.93
Water volume [l/m]	0.146	0.298	0.298	0.450
Effective exchange area [mm]	L-380	L-290	L-290	L-329

KORAFLEX Basic FKB															
Depth [mm]	70					90					110				
Width [mm]	140	200	260	320	400	140	200	260	320	400	140	200	260	320	400
Temperature exponent n [-]	1.4629	1.4587	1.6148	1.5550	1.5235	1.5247	1.5373	1.5643	1.4599	1.4607	1.4888	1.4739	1.4385	1.4622	1.4569
K _M [-]	0.5237	0.8428	0.5462	0.8292	1.1356	0.4984	0.9832	1.1276	2.2897	3.0400	0.6325	1.4933	2.2235	2.7578	3.6726
Unit weight [kg/m]	2.88	3.51	4.01	4.98	6.48	3.20	3.89	4.43	5.43	6.48	3.50	4.20	4.75	5.80	6.86
Water volume [l/m]	0.146	0.298	0.298	0.450	0.602	0.146	0.298	0.298	0.450	0.602	0.146	0.298	0.298	0.450	0.602
Effective exchange area [mm]	L-380	L-290	L-290	L-330	L-290	L-380	L-290	L-290	L-329	L-290	L-380	L-290	L-290	L-329	L-290

KORAFLEX Pool FKP								
Depth [mm]	90				110			
Width [mm]	200	260	320	400	200	260	320	400
Temperature exponent n [-]	1.5373	1.5643	1.4599	1.4607	1.4739	1.4385	1.4622	1.4569
K _M [-]	0.9832	1.1276	2.2897	3.0400	1.4933	2.2235	2.7578	3.6726
Unit weight [kg/m]	4.60	5.28	6.42	7.74	5.00	5.69	6.87	8.23
Water volume [l/m]	0.298	0.298	0.450	0.602	0.298	0.298	0.450	0.602
Effective exchange area [mm]	L-290	L-290	L-329	L-290	L-290	L-290	L-329	L-290