



Technical properties of Isobetong®

Product	Isobetong®100	Isobetong®150	Isobetong®200	Isobetong®300	Isobetong®400
Drv Densitv (kg/m3)	75 – 85	150	200	300	400
Wet Density (kg/m ³)	165 - 180	240 - 255	305-315	405-415	510-525
Cement quantity (kq/m ³)	60 – 70	120	170	240	250
CementType	CEM 1/ 11/111 52,5 R	CEM 1/ 11/111 52,5 R	CEM 1/ 11/111 42,5 R	CEM 1/11/111 42,5 R	CEM 1/11/111 42,5 N
Blaine (cm ² /g)	>5200	>5200	>4000	>4000	>3500
Water (kg/m ³)	30	55	77	108	125-165
Aggregate, filler 1 (kq/m ³)	0	0	0	0	0 -85
Foaming Agent LithoFoam® SL 200- L (kq/m ³)	subject to injection rate*	subject to injection rate*	subject to injection rate*	subject to injection rate*	subject to injection rate*
Network former LithoFoam® NWF S (kg/m ³)	5	5	5	5	4 (optional)
Stabilizer LithoFoam® MRF 2000-S (kg/m ³)	1	0,8	0.6	0.6	0.6 (optional)
Foam Quantity (kg/m ³)	69.6	67.2	64.3	64.3	59.2
Foam Quantity(Lit./ m3)	870	840	804	804	740
Foam Weight (gram/liter)	80	80	80	80	80
Compressive strength (MPa), 28 days	0.04	0,25	0.35-0.50	0.6-1.0	1.5-2.3
Thermal conductivity (W/m*K)	0,0389	0,052	0.06-0.065	0.08-0.085	0.095-0.105

*the effective injection rate depends on the quality of the respective raw material