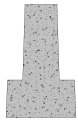


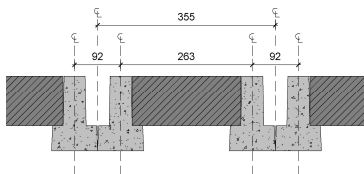
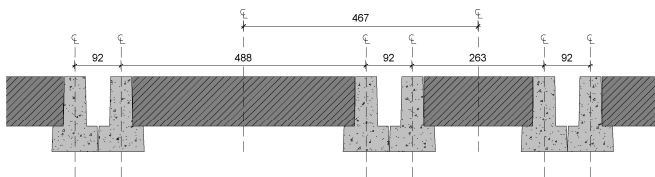
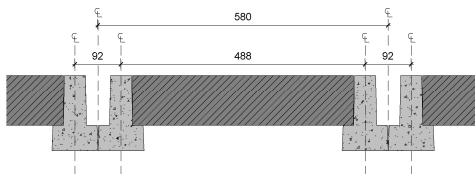
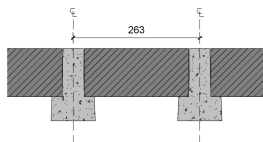
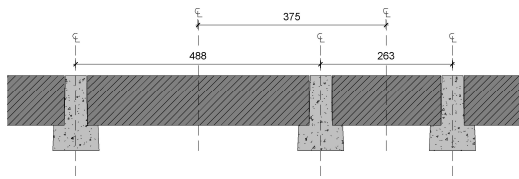
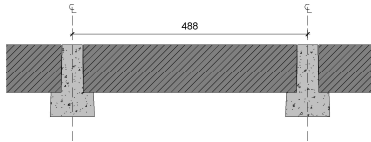
TECHNICAL DOCUMENT

150mm BEAM AND BLOCK LOADSPAN



Beam Reference	Depth	Breadth At Bottom	Breadth At Top	Ledge
L13	150 mm	92 mm	42 mm	20 mm
Depth Of Flange	Bottom Splay	Up Splay	Weight	Weight
50 mm	2 mm	3 mm	25 kg/m	0.212 kN/m

The below tables are for informative purposes only, for further information please contact Litecast on 02746 356161, alternatively email sales@litecast.co.uk



Configuration	S488		Block Density		1950 kg/m³	
Topping	1.495 kN/m²		Partitions		Nil	
Imposed Load (kN/m²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	3851	3665	3503	3361	3119	2923

Configuration	S375		Block Density		1950 kg/m³	
Topping	1.495 kN/m²		Partitions		Nil	
Imposed Load (kN/m²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4400	4189	4005	3842	3568	3344

Configuration	S263		Block Density		1950 kg/m³	
Topping	1.495 kN/m²		Partitions		Nil	
Imposed Load (kN/m²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5189	4948	4737	4551	4232	3975

Configuration	D580		Block Density		1950 kg/m³	
Topping	1.495 kN/m²		Partitions		Nil	
Imposed Load (kN/m²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4930	4701	4501	4324	4024	3778

Configuration	D467		Block Density		1950 kg/m³	
Topping	1.495 kN/m²		Partitions		Nil	
Imposed Load (kN/m²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5300*	5223	5003	4808	4478	4206

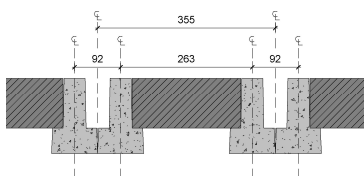
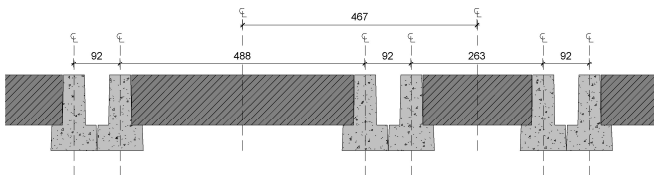
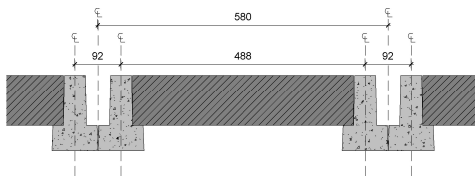
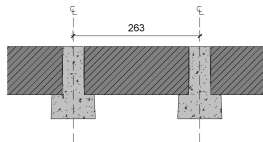
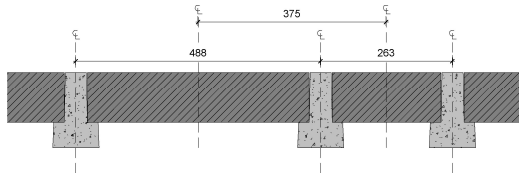
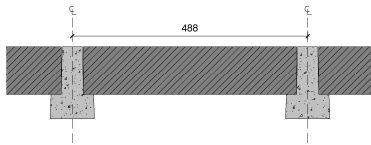
*Beams are not manufactured over 5.5m in length, max clear span has been adjusted to suit based on 100mm of bearing at each end.

bearing at each end.						
Configuration	D355		Block Density		1950 kg/m³	
Topping	1.495 kN/m²		Partitions		Nil	
Imposed Load (kN/m²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5300*	5300*	5300*	5300*	5087	4786

*Beams are not manufactured over 5.5m in length, max clear span has been adjusted to suit based on 100mm of bearing at each end.

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150mm BEAM AND BLOCK LOADSPAN



Configuration	S488		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	3718	3550	3402	3270	3046	2862

Configuration	S375		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4249	4057	3889	3739	3485	3275

Configuration	S263		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5017	4798	4605	4433	4138	3895

Configuration	D580		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4767	4559	4375	4212	3933	3701

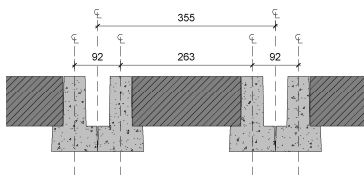
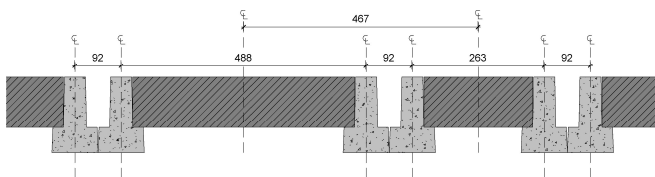
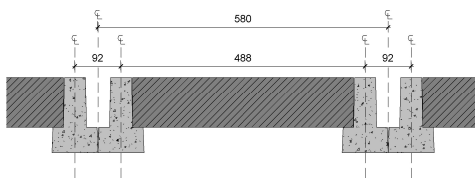
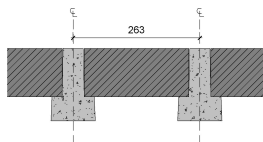
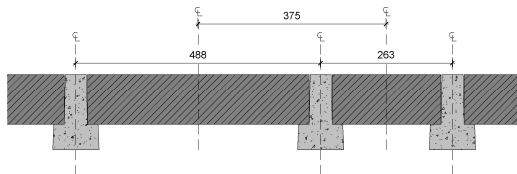
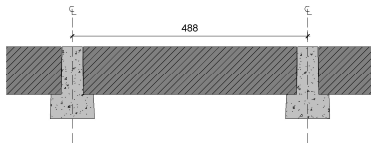
Configuration	D467		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5295	5066	4864	4685	4377	4122

Configuration	D355		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5300*	5300*	5300*	5300*	4976	4693

*Beams are not manufactured over 5.5m in length, max clear span has been adjusted to suit based on 100mm of bearing at each end.

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150mm BEAM AND BLOCK LOADSPAN



Configuration	S488		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		Nil	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	3767	3592	3439	3304	3074	2885

Configuration	S375		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		Nil	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4306	4107	3933	3779	3517	3301

Configuration	S263		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		Nil	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5081	4854	4654	4477	4174	3925

Configuration	D580		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		Nil	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4827	4611	4422	4254	3967	3730

Configuration	D467		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		Nil	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5300*	5125	4917	4732	4415	4154

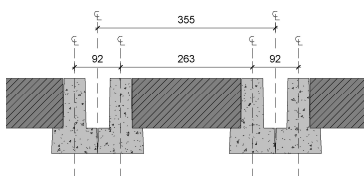
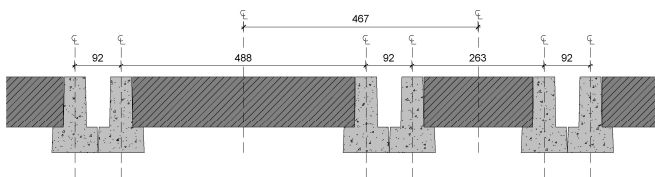
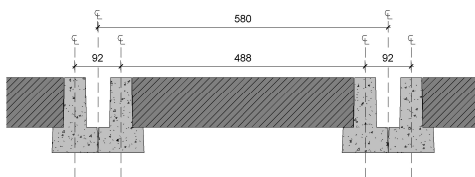
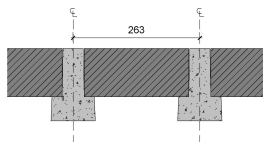
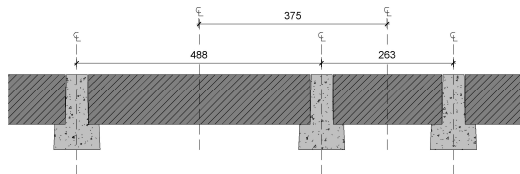
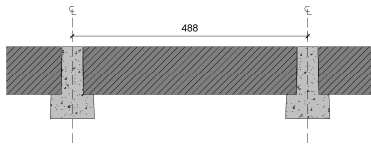
*Beams are not manufactured over 5.5m in length, max clear span has been adjusted to suit based on 100mm of bearing at each end.

Configuration	D355		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		Nil	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5300*	5300*	5300*	5300*	5017	4728

*Beams are not manufactured over 5.5m in length, max clear span has been adjusted to suit based on 100mm of bearing at each end.

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150mm BEAM AND BLOCK LOADSPAN



Configuration	S488		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	3642	3483	3343	3218	3003	2826

Configuration	S375		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4164	3983	3823	3680	3437	3235

Configuration	S263		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4919	4711	4528	4364	4082	3848

Configuration	D580		Block Density		1950 kg/m ³	
Topping	1.495 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	4673	4476	4302	4146	3879	3656

Configuration	D467		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5193	4977	4785	4613	4318	4073

Configuration	D355		Block Density		1950 kg/m ³	
Topping	1.725 kN/m ²		Partitions		0.5 kN/m ²	
Imposed Load (kN/m ²)	1.5	2	2.5	3	4	5
Max. Clear Span (mm)	5300*	5300*	5300*	5236	4910	4637

*Beams are not manufactured over 5.5m in length, max clear span has been adjusted to suit based on 100mm of bearing at each end.