

Dense Blocks



This high quality, robust and load bearing standard concrete block is used in majority of applications and is suitable for use above and below DPC level.

All products are 100% recyclable and where appropriate recycled graded aggregates are combined with locally sourced primary aggregates. All are manufactured in accordance with BS EN 771-3, ISO 9001 quality management & ISO14001 environmental management. Bekstone has been awarded BREEAM A* environmental profiling."

Technical Specifications	Value/Description					
Dimensional tolerances:						
Length	440mm					
Width	100mm & 140mm					
Height	215mm					
Weight	18.8kg (100mm) & 26.6kg(140mm)					
Tolerance	D1					
Dry density	1980 kg/m²					
Shape & features	Standard finish					
Group according EN 1996-1-1 (EC6)	Group 1 (solid)					
Mean unit strength:						
Mean normalised strength	7.3 - 10.4N/mm ²					
Direction of load	Perpendicular to bed faces					
Unit category	Cat II					
Dimensional stability	<0.6mm/m					
Bond strength:						
Shear bond	0.15N/mm ² (tabulated value)					
Flexural bond	NPD					
Reaction to fire:						
Classification to EN 13501-1	A1					
Water vapour diffusion coefficient:						
Water absorption	NPD					
Water vapour permeability	5/15mm² (tabulated value)					
Thermal conductivity (W/mK):						
Thermal conductivity	1.00 W/(m.k)					
Sound:						
Airborne sound insulation	Group 1 (solid)					
Durability:						
Frost resistant	above 7.2N					
Dangerous substances:	NPD					

RUNJIAN Block Performance Index

Internal/External Reinforced Anti-crack Block

规 链 LX6xH Gre	Grede	Structure Requirement			Dry Density	Thermal Conductivity	Anti-Ireezing	Drying Shribkage
	Oreue	提口	干手几口	图小图	(Auvin')	(Wm4℃	乳涎維発癌 (6)	(mm/vn)
600x30x250	B05A3.5	✓	236	22.8	s325	0.13	Greater than average	s5.50
600x40x250	B0543.5	1	236	22.8	s525	0.13		
600x200x250	805A3.5	1	336	22.8	s525	0.13		
600x120x100	B05A3.5	V	336	22.8	s525	0.13		
600x150x150	B05A3.5	/	336	22.8	s525	0.13	compressive strangth ode	
600x200x200	805A3.5	1	236	22.8	s525	0.13	matter B0%	
600x240x250	B05A3 5	1	336	22.8	s525	0.13		
600×240×250	B05A3.5	V	336	22.8	s525	0.13		

Internal/H/ Roinforced Anti-crack Large Block

細傾	Grede	Structure Requirement			Dry Density	Thermal Conductivity	Anti-freezing	Drying Shrinkage
LxBaH	Ulouc	180	于多儿口	圖小面	(ka/ml)	(Wl/m-lv)	多色相談報 (以)	(mm/vn)
600x60x250	B05A3.5	1	23.6	22.8	s525	0.13	大子无什种	***
600x200x100	B05AS.5	1	256	22.8	s525	0.13	cornoreszive	s5.50
600x120x400	B05A3.5	/	336	22.8	s525	0.13	PAREE ST	

Internal/n/ Super Reinforced Anti-crack Block

ЖМ LxBxrl Greds	Graria	Stru	cturo Reguirement	Dry Density		Anti-freesing 系統總施羅 (90	Drying Shmkage (mm/vn)
	uiodo	抽口	平于10 風小園				
600x200x250	805A3.5	1	≥5.1	s525	0.15	大于方升肿 average compressive stiength 李	s5.50
600x200x250	B05A3.5	1	≥5.1	s525	0.15		
600x240x250	B05A3 5	1	25.1	s525	0.15	79 2 80%	

RUNJIAN Block Performance Index

Thermal Insulation Block

鶏猪 LxBXH Grade	Grade			essive n (MPa)	Dry Density	Thermal Conouttivity	Anti-freezing	Drving Shalmage
	. Handridge	織口	年857人口	悉小儀	(Agim¹)	(Wilm 4/2)	訊照照銀 (W)	(mnv/vn)
600x500x390	B03A1.0	1	21.0	2 0.8	s325	0.07	Greater than aversgs comprezsive strength86%	s0.50
700x750x400	803A1.0	1	≥1.0	≥ 0.8	s325	0.07		
700x700x400	B03A1.0	1	≥1.0	≥ 0.8	s325	0.07		
600x800x400	B03A1.0	1	21.0	≥ 2.8	s325	0.07		
600x240x400	B03A1.0	1	22.0	≥ 2.8	s325	0.07		
600x300x400	803A1.0	1	≥2.0	≥ 2.0	s325	0.07		

External Insulation Block

幾度 LxBkH Grad	Grade	Structure	Compressive Sbengih (MPa)	Dry	Thermal Conductivity	Anti-freecing	Orving Shriktage
	Giado	禮口	平于71.口 急小艦	Density	(Wlfm -k)	DUMBERER (W)	(mnv/vn)
600460x550	B04A2.5	1	22.5	\$425	0.09		s0.50
600x200x250	804A2.5	1	22.5	s425	0.09	Greater than averags compreasive strength86%	
600x250x250	B04A2.5	1	22.0	s425	0.09		
600x300x300	804A2.5	1	22.5	s425	0.09		

External Wall Thermal Insulation Block

JIEAE LASXIN	Głade	Siru	cture Requirement	Dry Density	Thermal Gonductivity (Wlfm -A)	Anti-freezing	
	Oldde	祖口	TTLA SAVA				
600x150x200	B05A3.5	1	22.5	s425	0.11	大于方升地 average compressive 更压强等平 内部86%	s0.50
600x200x250	B05A3.5	/	≥2.5	s525	0.11		
600x300x250	B03A3.5	1	≥2.5	s525	0.11		