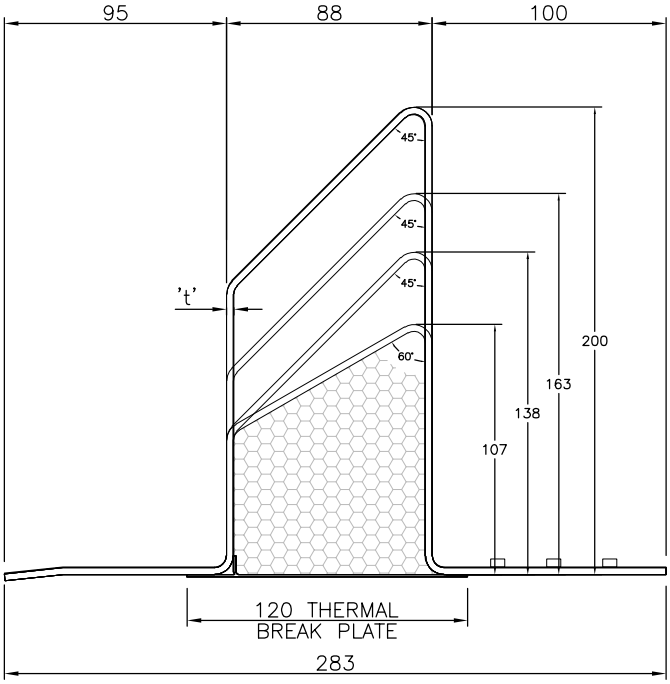
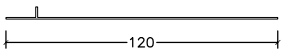
DIMENSIONAL DEVIATION TOLERANCES TO COMPLY WITH BS 5977: PART 2: 1983–SECTION 5.1



Thermal Break Plate: 120mm plate for 88mm lintel cavity width		Dimensions:	Tolerance:
Plate thickness: 600–4200mm = 1.0mm	Break Plate Section: 	Overall Height	±2mm
		Outer Leaf Dimension	+2mm/–1mm
		Inner Leaf Dimension	±2mm
		Lintel Lenth	±10mm
		Angular	±1°

Manufactured Length 150mm increments	0600 1200	1350 1500	1650 2100	2250 2550	2700 3000	3150 3600	3750 4200
Height 'h'	107	138	163	200	200	200	200
Thickness 't'	2.9	2.9	2.9	2.9	3.2	3.2	3.2
Material width (mm)	450	500	550	625	625	625	625
Total UDL(kN) Load ratio (1)	30	30	40	40	40	35	33
Total UDL(kN) Load ratio (2)	22	22	35	35	35	32	28
Finished weight (kg/m)	11.07	12.23	13.40	15.11	16.60	16.60	16.60
Ixx (cm4)	192.5	340.8	529.5	907.1	991.8	991.8	991.8
Zxx (cm3)	25.53	35.46	47.92	69.08	75.78	75.78	75.78
Allowable moment (Nm)	4149	5763	7787	11225	12313	12313	12313
Material reference	A	B	C	D	E	F	G

Allowable moment, yield stress 250N/mm2
Load ratio (1); Applies for loads with an inner to outer leaf ratio, between 1:1 & 3:1.
Load ration (2); Applies for loads with an inner to outer leaf ratio, between 4:1 & 19:1.

ISSUE	DATE	ALTERATION	CHECK	ISSUE	DATE	ALTERATION	CHECK
F	07:05:03	HEIGHTS & LOADS CHANGED		M			
E	21:11:02	'B'–'F' WEIGHTS CHANGED		L			
D	17:10:02	CAVITY WIDTH ALTERED		K	27:05:21	REVISED TO PRODUCTION DWG	SL
C	26:09:00	GENERAL AMENDMENTS		J	06:06:11	LINTEL RE–DESIGNED	SL
B	20:04:95	MAT'RL WEIGHT 'A' REVISED		H	20:02:06	LINTEL RE–DESIGNED	JPR
A	08:02:95	MAT'RL WEIGHT 'B' REVISED		G	05:01:07	MAT'RL GAUGE FROM 0600–1500 AMENDED	DJ

IG STEEL LINTELS

TITLE: LI/HD 100

	SIGN	DATE
DRAWN	GAG/RL	16:11:94
CHK'D		

DRG.No. G080

ISSUE K

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