

10cm PHYSICAL PROPERTIES

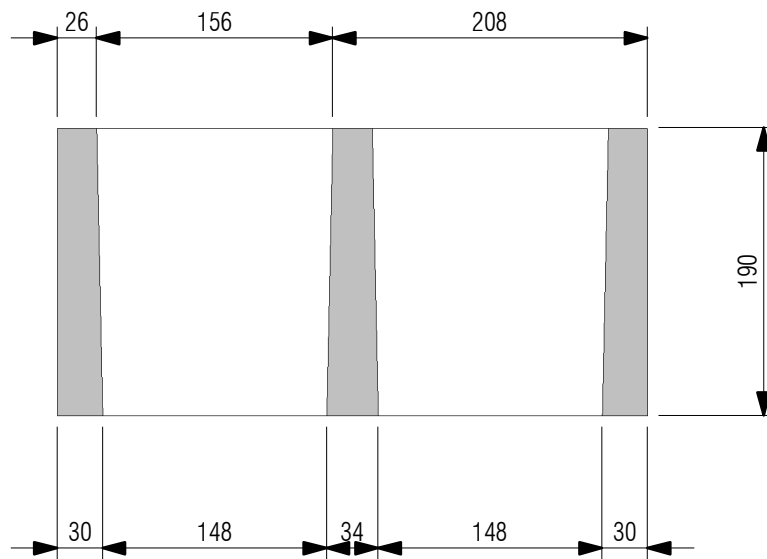
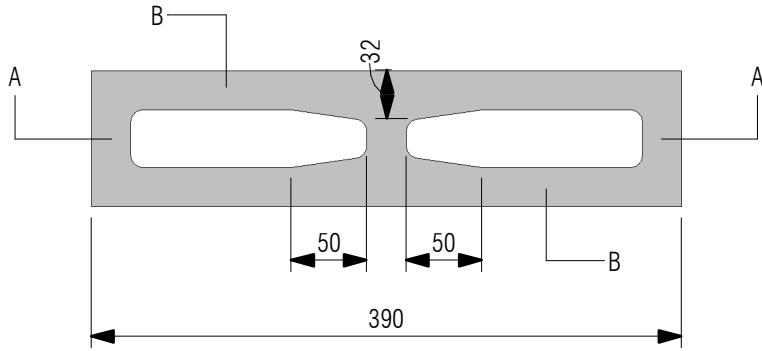
ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 90 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A, A, B, C, D, M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		26 26 69
AREA (mm ²)	GROSS AREA (mm ²) x 10 ⁴ NET AREA (mm ²) x 10 ⁴ CORE AREA (mm ²) x 10 ³		3.53 2.71 4.11
VOLUME (mm ³)	GROSS VOLUME (mm ³) x 10 ⁶ NET VOLUME (mm ³) x 10 ⁶ VOID VOLUME (mm ³) x 10 ⁶		6.717 5.153 1.564
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		76
TYPICAL UNIT MASS (kg)	NORMAL WEIGHT LIGHT WEIGHT		11.75 10.2
TYPICAL UNIT MASS (kg/m ²) (with mortar)	NORMAL WEIGHT LIGHT WEIGHT		138 109
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT LIGHT WEIGHT		0.9 1.0
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT LIGHT WEIGHT	11	43 40
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT LIGHT WEIGHT	12	0.21
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		22.69 x 10 ⁶ 58.18 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		0.504 x 10 ⁴ 1.293 x 10 ⁶

Important Classification Note

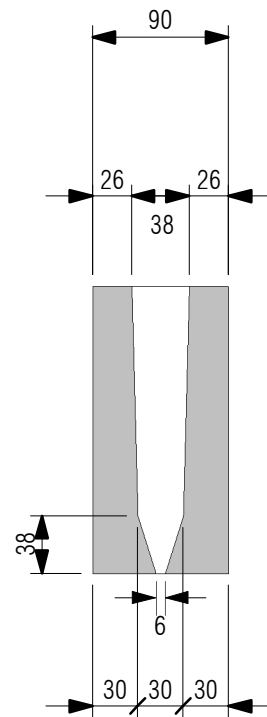
All Light Weight is classified as B,C,D

All Normal Weight is classified as A

10cm STANDARD



SECTION A-A



SECTION B-B

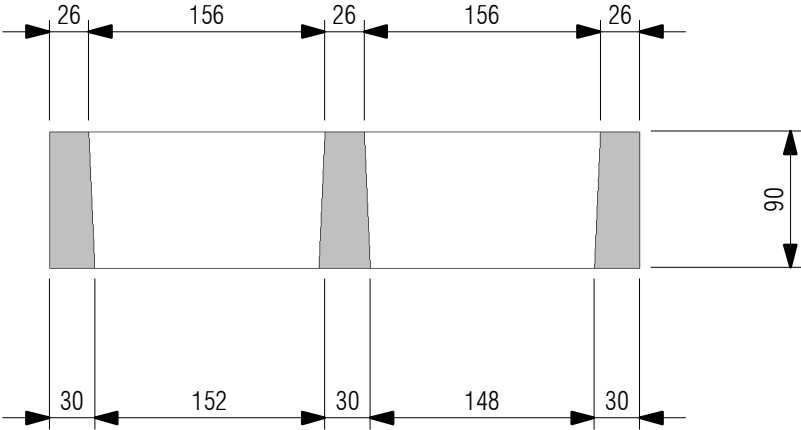
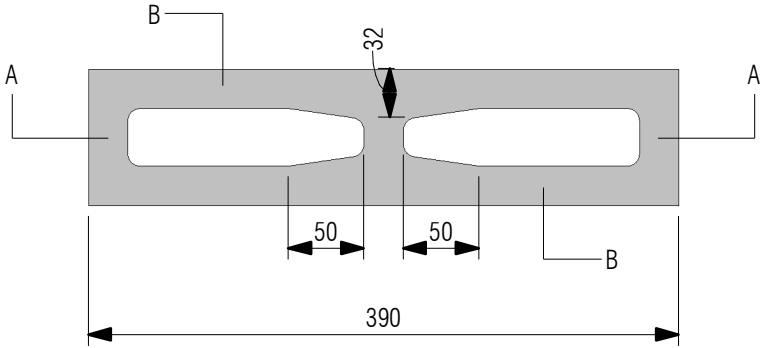
UNIT DATA	
LIGHT WEIGHT	10.2 kg
NORMAL WEIGHT TYPE A	11.75 kg
PERCENT SOLID	76.0%
VOID VOLUME (mm ²) x 10 ⁶	1.564
NET AREA (mm ²) x 10 ⁴	2.71
BLOCKS PER PALLET	

Important Classification Note

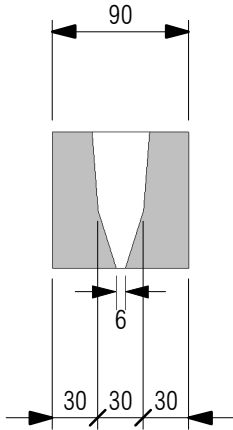
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

10cm HALF HIGH



SECTION A-A

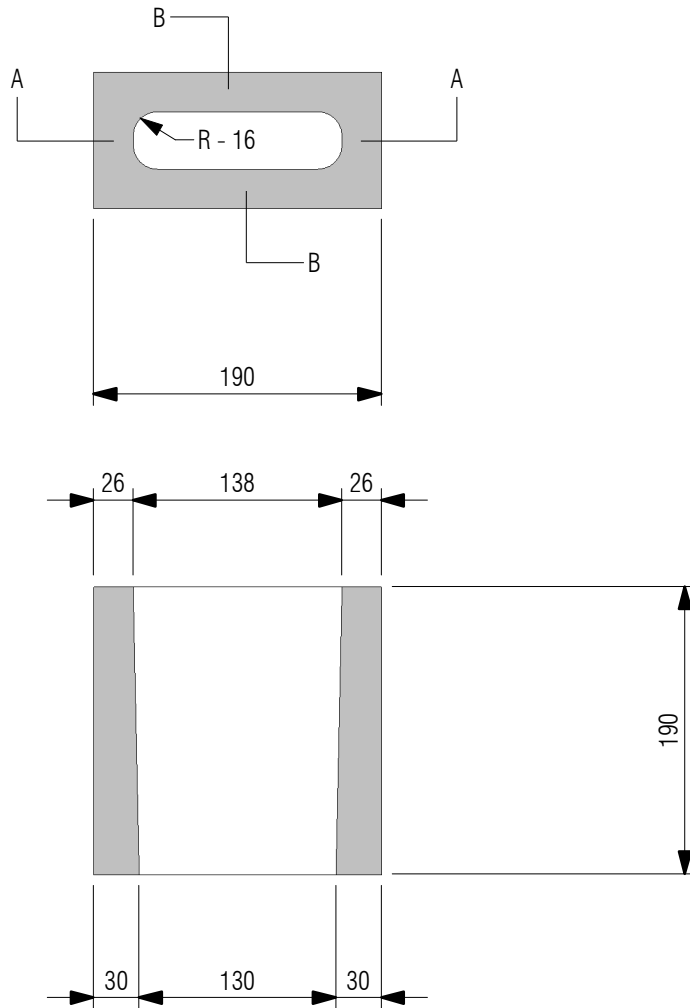


SECTION B-B

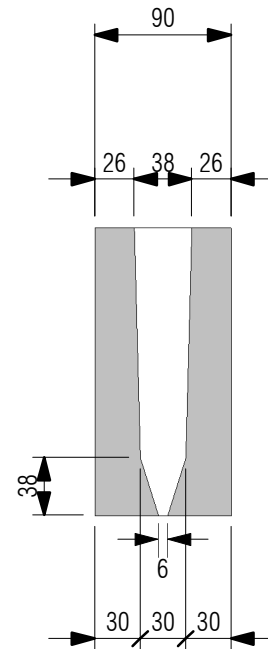
UNIT DATA	
LIGHT WEIGHT	4.67 kg
NORMAL WEIGHT TYPE A	5.68 kg
PERCENT SOLID	76.0%
VOID VOLUME (mm ³) x 10 ⁶	0.9
NET AREA (mm ²) x 10 ⁴	2.71
BLOCKS PER PALLET	

Important Classification Note
 All **Light Weight** is classified as **B,C,D**
 All **Normal Weight** is classified as **A**

10cm HALF



SECTION A-A



SECTION B-B

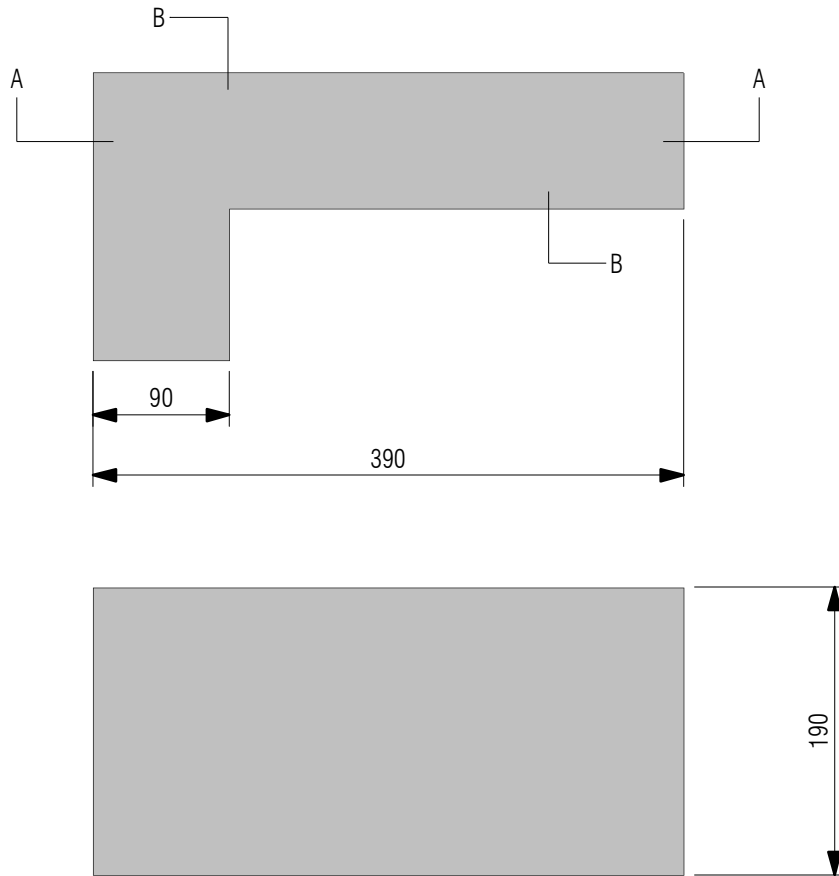
UNIT DATA	
LIGHT WEIGHT	4.7 kg
NORMAL WEIGHT TYPE A	5.8 kg
PERCENT SOLID	75.8%
VOID VOLUME (mm ²) x 10 ⁶	0.79
NET AREA (mm ²) x 10 ⁴	1.3
BLOCKS PER PALLET	

Important Classification Note

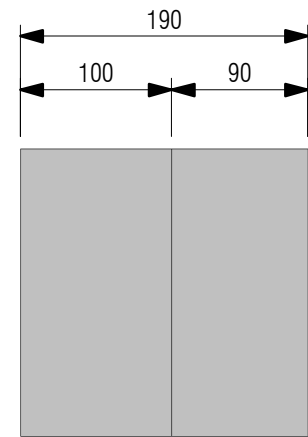
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

10cm L-CORNER



SECTION A-A



SECTION B-B

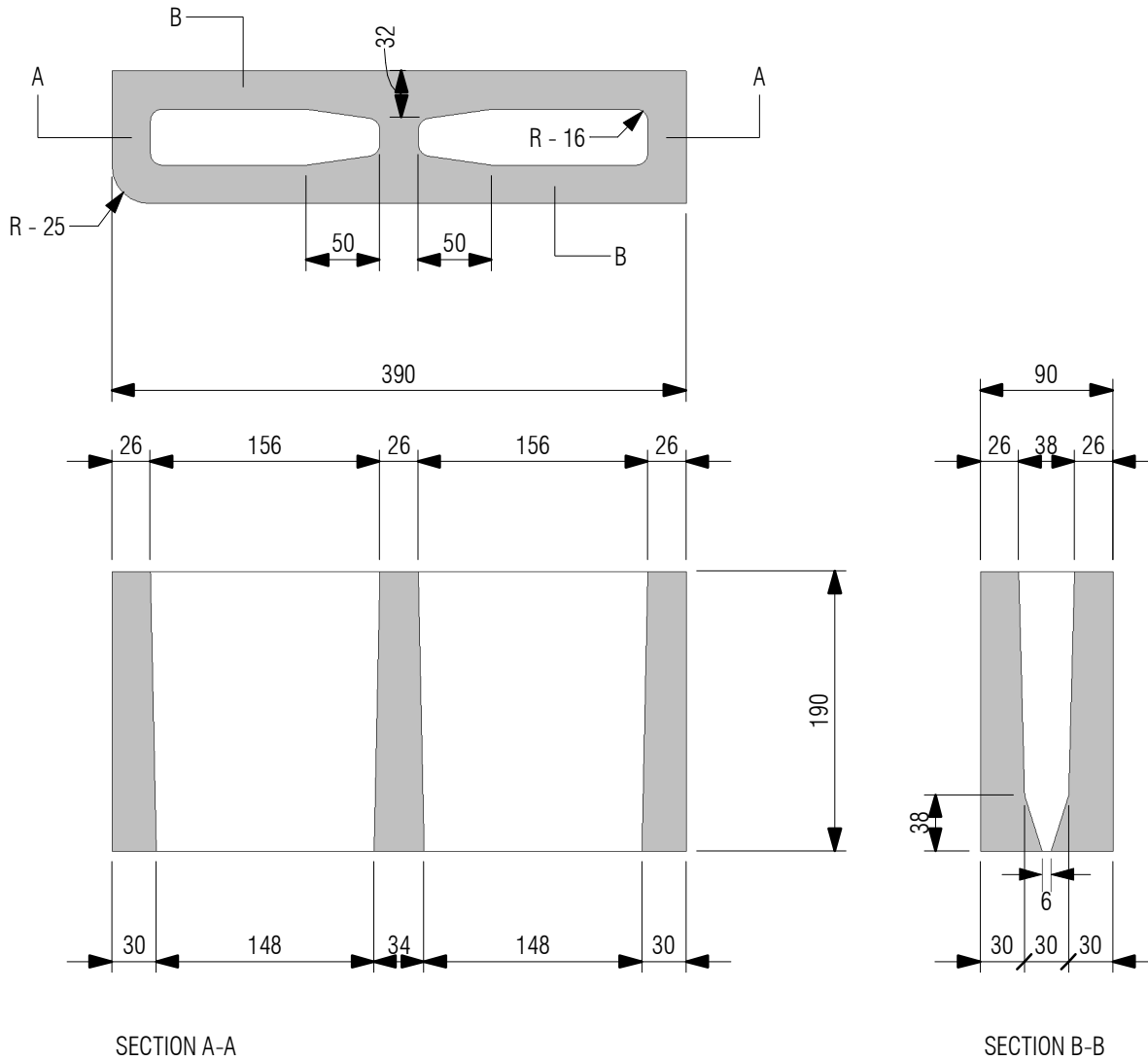
UNIT DATA	
LIGHT WEIGHT	15.65 kg
NORMAL WEIGHT TYPE A	18.5 kg
PERCENT SOLID	100%
VOID VOLUME (mm ²) x 10 ⁶	0.9
NET AREA (mm ²) x 10 ⁴	4.41
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

10cm SINGLE BULLNOSE

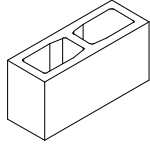


UNIT DATA	
LIGHT WEIGHT	10.3 kg
NORMAL WEIGHT TYPE A	11.5 kg
PERCENT SOLID	74.5%
VOID VOLUME (mm ²) x 10 ⁶	1.7
NET AREA (mm ²) x 10 ⁴	2.6
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A



15cm PHYSICAL PROPERTIES

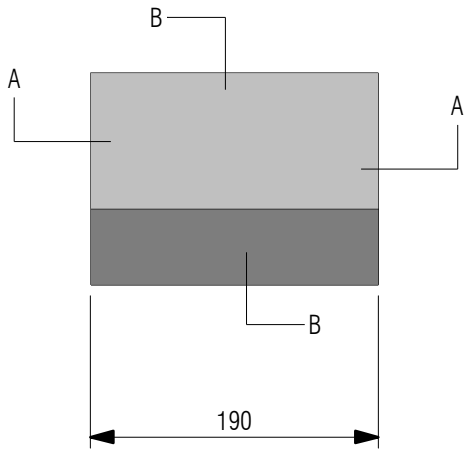
ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 140 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A, A, B, C, D, M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		26 26 82
AREA (mm ²)	GROSS AREA (mm ²) x 10 ⁴ NET AREA (mm ²) x 10 ⁴ CORE AREA (mm ²) x 10 ³		5.48 3.22 1.13
VOLUME (mm ³)	GROSS VOLUME (mm ³) x 10 ⁶ NET VOLUME (mm ³) x 10 ⁶ VOID VOLUME (mm ³) x 10 ⁶		10.508 6.173 4.335
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		58.8
TYPICAL UNIT MASS (kg)	NORMAL WEIGHT LIGHT WEIGHT		14.1 11.0
TYPICAL UNIT MASS (kg/m ²) (with mortar)	NORMAL WEIGHT LIGHT WEIGHT		170 134
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT LIGHT WEIGHT		1.3 1.4
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT LIGHT WEIGHT	11	46 43
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT LIGHT WEIGHT	12	0.19
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		74.07 x 10 ⁶ 189.9 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		1.058 x 10 ⁴ 2.713 x 10 ⁶

Important Classification Note

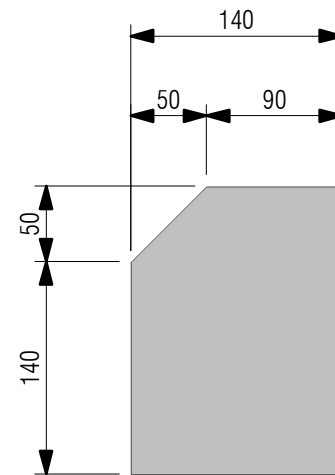
All Light Weight is classified as B,C,D

All Normal Weight is classified as A

15cm SILL BLOCK



SECTION A-A



SECTION B-B

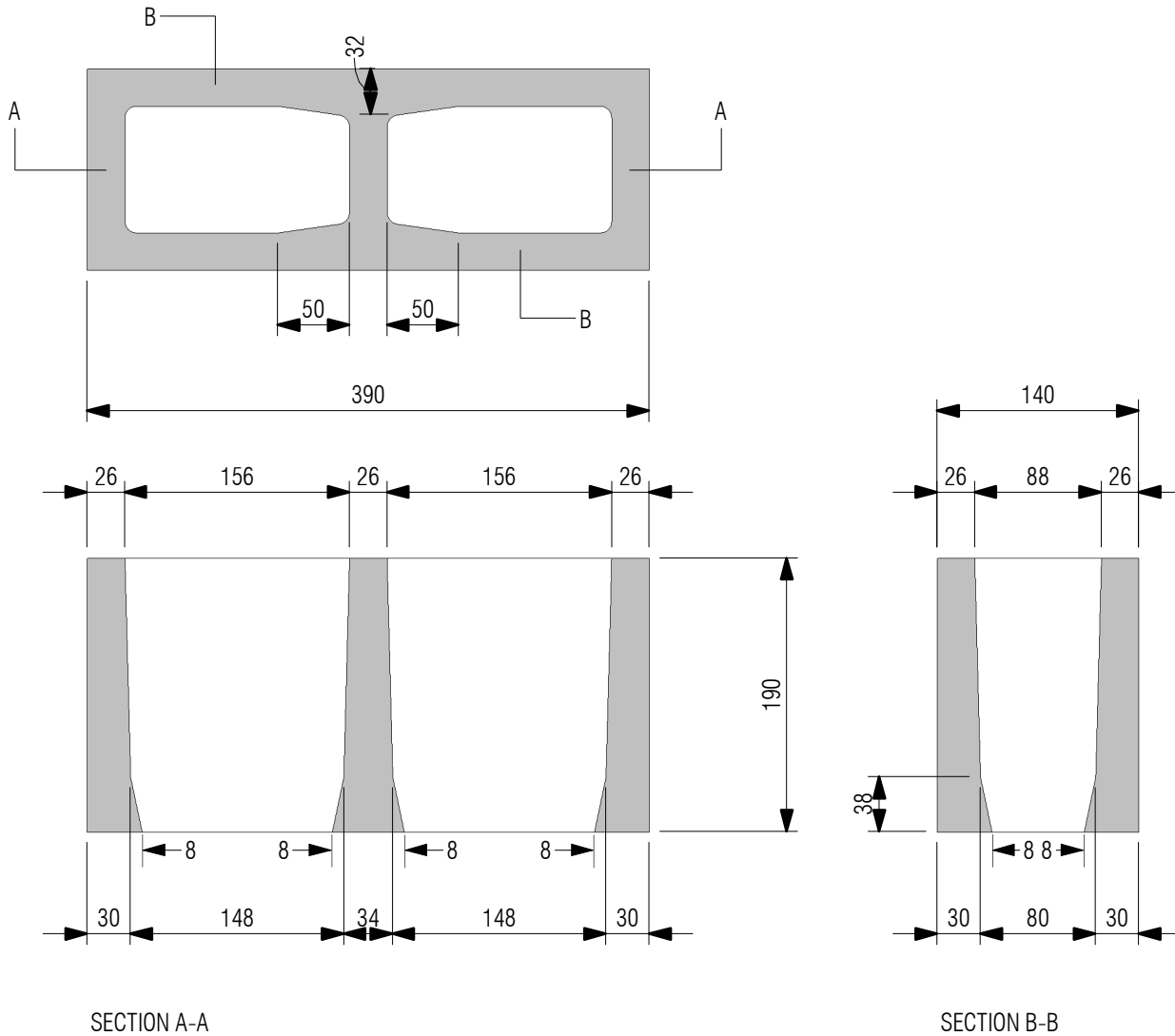
UNIT DATA	
LIGHT WEIGHT	8.5 kg
NORMAL WEIGHT TYPE A	11.2 kg
PERCENT SOLID	100%
VOID VOLUME (mm ³) x 10 ⁶	4.55
NET AREA (mm ²) x 10 ⁴	2.66
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

15cm STANDARD

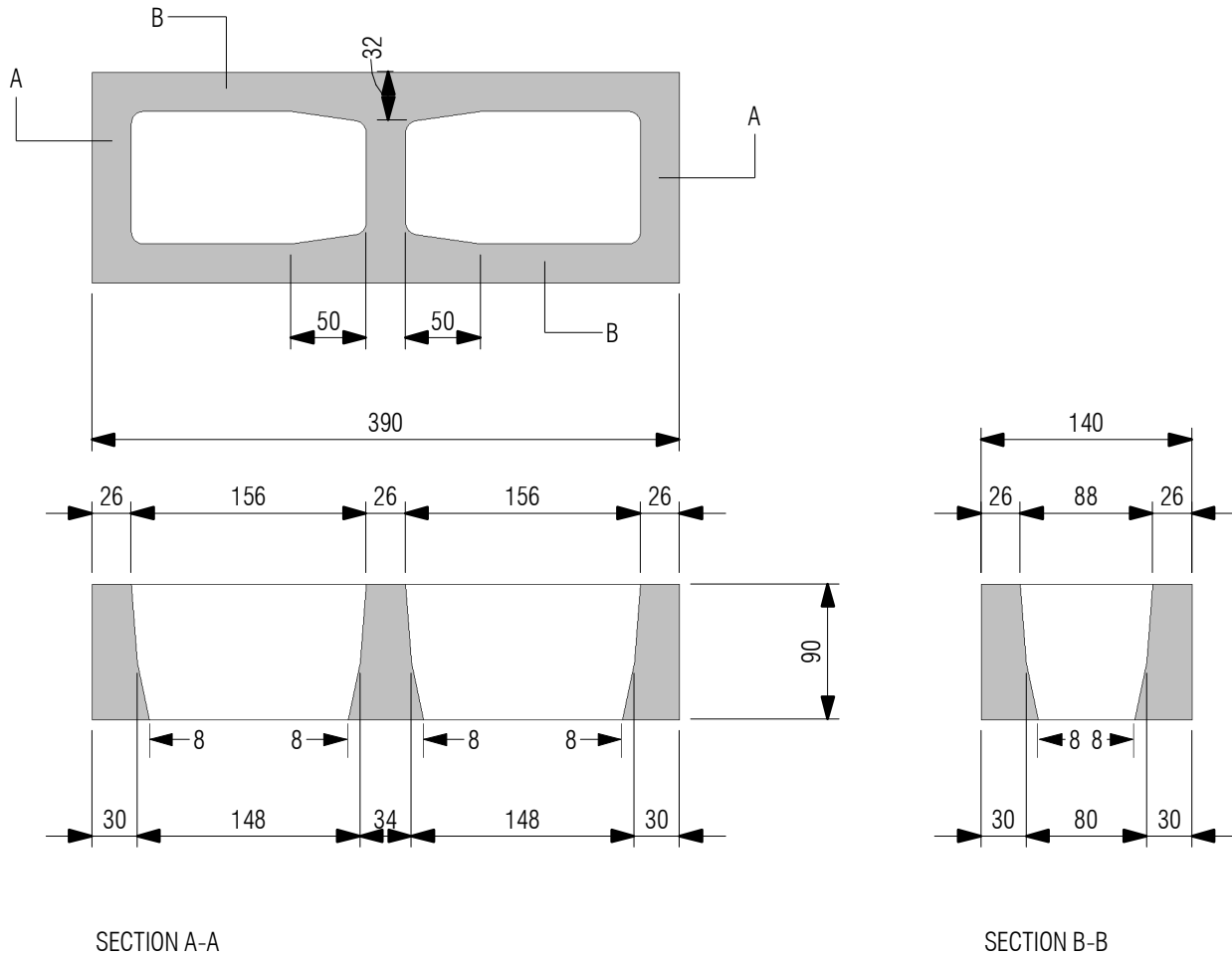


UNIT DATA	
LIGHT WEIGHT	11 kg
NORMAL WEIGHT TYPE A	14.1 kg
PERCENT SOLID	58.8%
VOID VOLUME (mm ²) x 10 ⁶	4.335
NET AREA (mm ²) x 10 ⁴	3.22
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

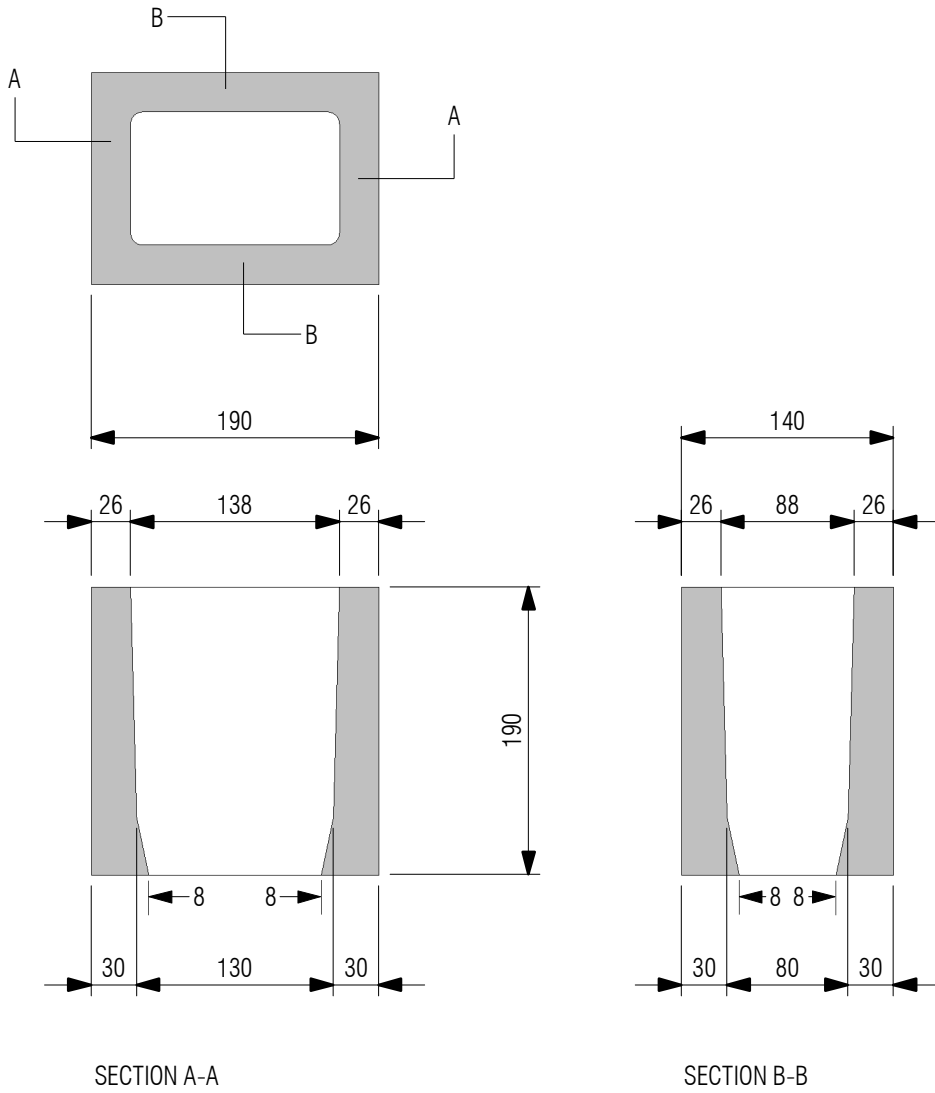
15cm HALF HIGH



UNIT DATA	
LIGHT WEIGHT	5.72 kg
NORMAL WEIGHT TYPE A	6.5 kg
PERCENT SOLID	5.58%
VOID VOLUME (mm ²) x 10 ⁶	2.17
NET AREA (mm ²) x 10 ⁴	3.22
BLOCKS PER PALLET	

Important Classification Note
 All **Light Weight** is classified as B,C,D
 All **Normal Weight** is classified as A

15cm HALF

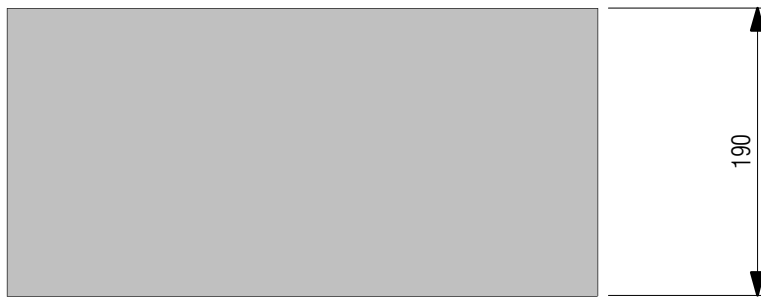
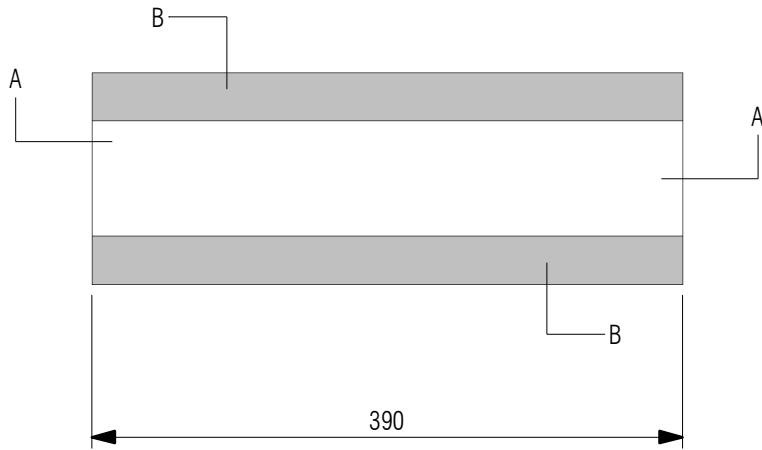


UNIT DATA	
LIGHT WEIGHT	5.8 kg
NORMAL WEIGHT TYPE A	6.5 kg
PERCENT SOLID	58.8%
VOID VOLUME (mm ²) x 10 ⁶	1.96
NET AREA (mm ²) x 10 ⁴	1.6
BLOCKS PER PALLET	

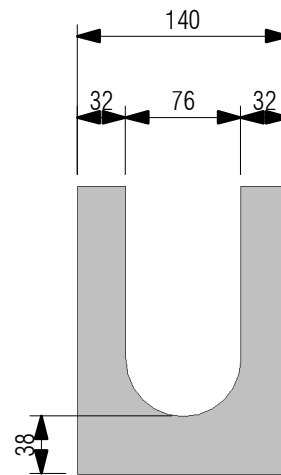
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

15cm BOND BEAM LINTEL



SECTION A-A



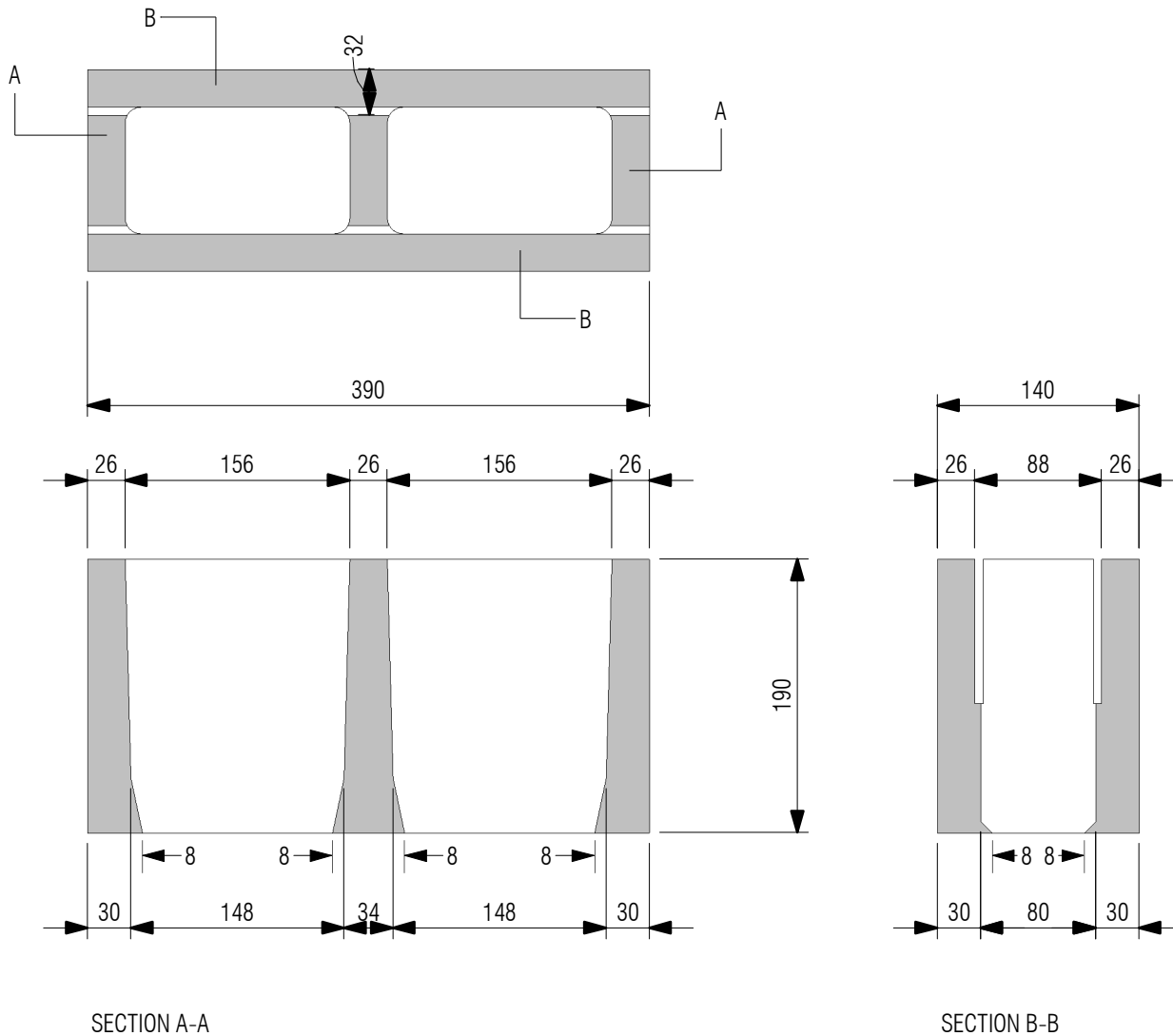
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	11 kg
NORMAL WEIGHT TYPE A	15.1 kg
PERCENT SOLID	61.2%
VOID VOLUME (mm ²) x 10 ⁶	4.02
NET AREA (mm ²) x 10 ⁴	3.34
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

15cm KNOCK-OUT LINTEL

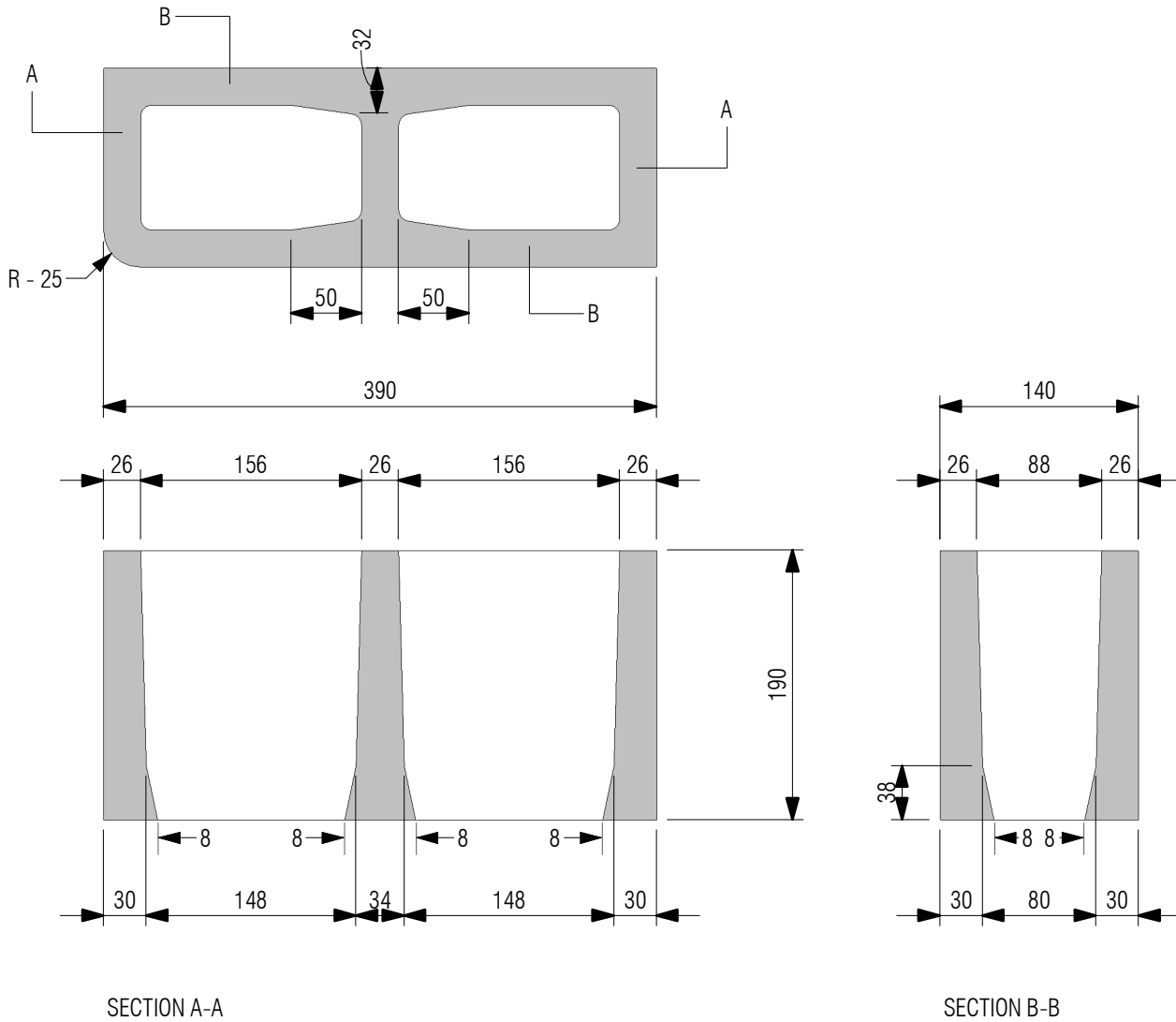


UNIT DATA	
LIGHT WEIGHT	11.5 kg
NORMAL WEIGHT TYPE A	14.5 kg
PERCENT SOLID	54%
VOID VOLUME (mm ²) x 10 ⁶	4
NET AREA (mm ²) x 10 ⁴	2.96
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

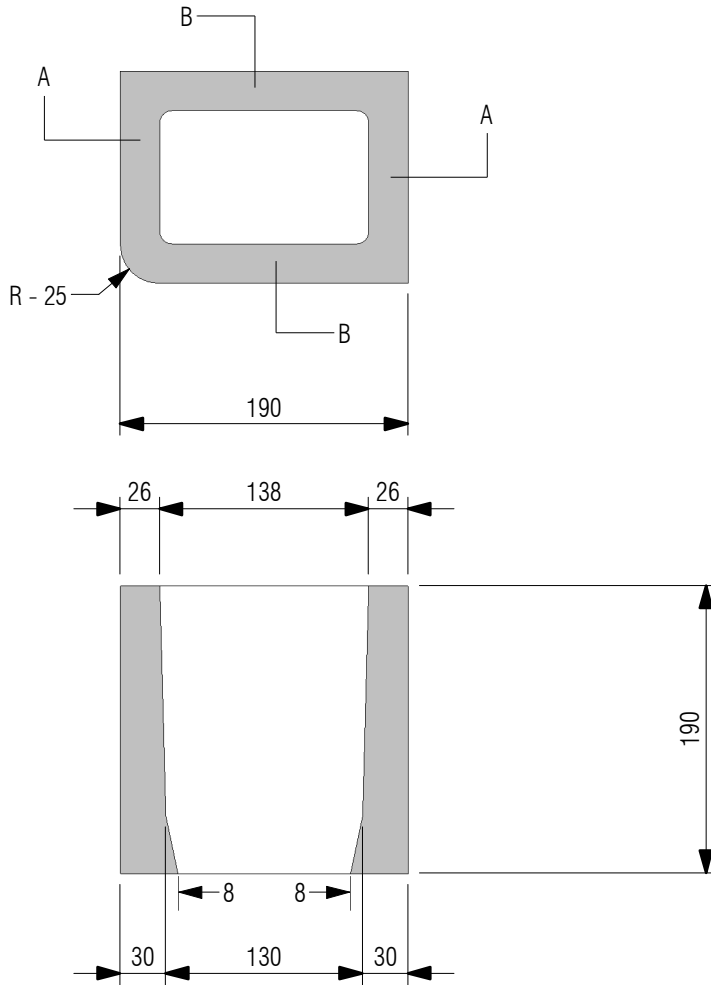
15cm SINGLE BULLNOSE



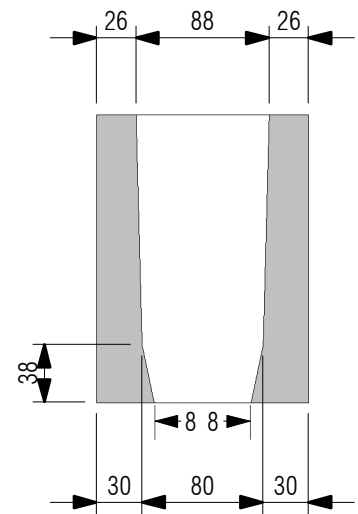
UNIT DATA	
LIGHT WEIGHT	11.8 kg
NORMAL WEIGHT TYPE A	13.7 kg
PERCENT SOLID	56%
VOID VOLUME (mm ²) x 10 ⁶	4.41
NET AREA (mm ²) x 10 ⁴	3.08
BLOCKS PER PALLET	

Important Classification Note
 All **Light Weight** is classified as B,C,D
 All **Normal Weight** is classified as A

15cm SINGLE BULLNOSE HALF



SECTION A-A



SECTION B-B

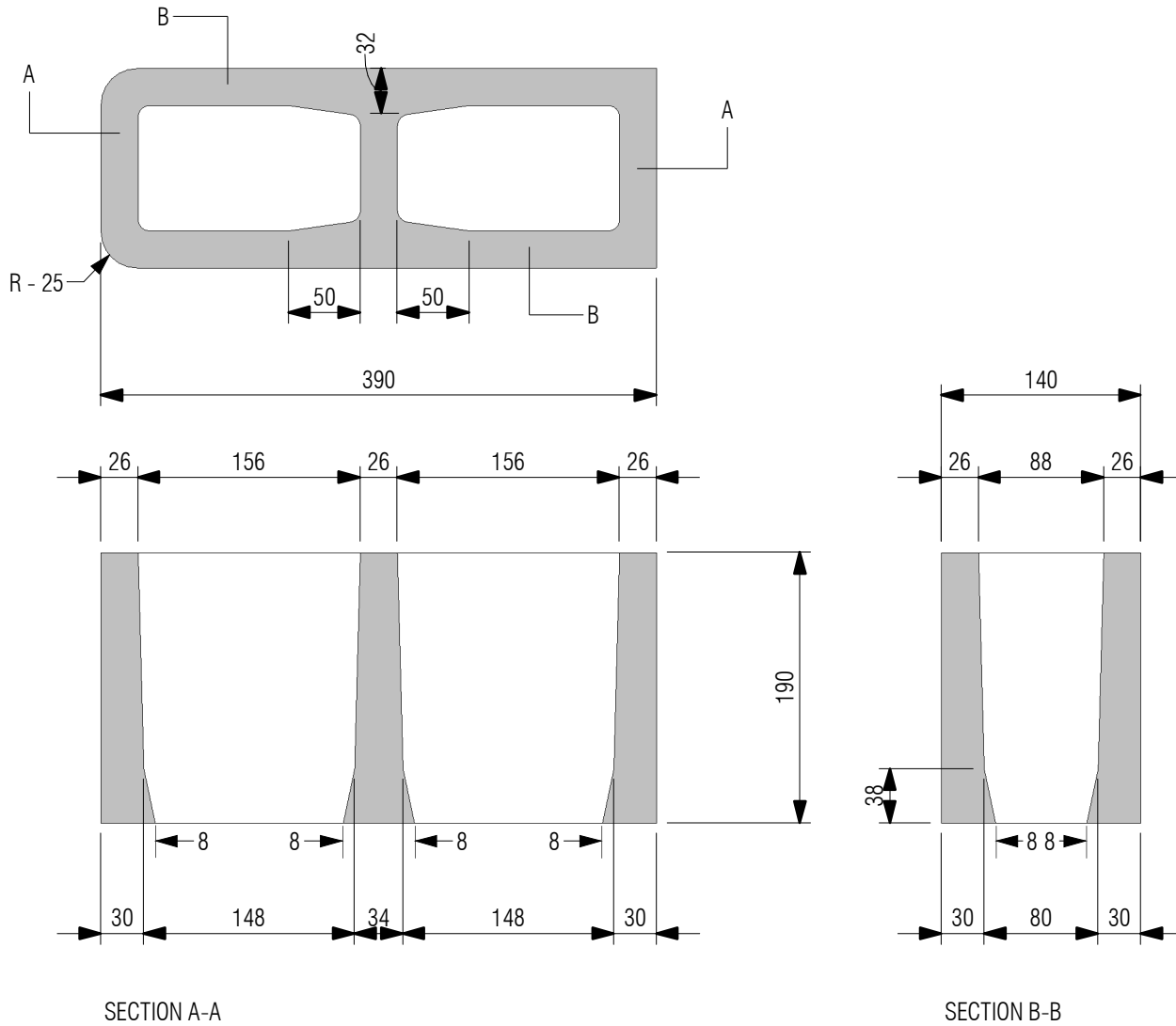
UNIT DATA	
LIGHT WEIGHT	5.9 kg
NORMAL WEIGHT TYPE A	6.7 kg
PERCENT SOLID	59.3%
VOID VOLUME (mm ²) x 10 ⁶	2.05
NET AREA (mm ²) x 10 ⁴	1.58
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

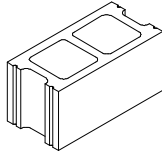
15cm DOUBLE BULLNOSE



UNIT DATA	
LIGHT WEIGHT	11.8 kg
NORMAL WEIGHT TYPE A	13.7 kg
PERCENT SOLID	56%
VOID VOLUME (mm ²) x 10 ⁶	4.41
NET AREA (mm ²) x 10 ⁴	3.08
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A



20cm PHYSICAL PROPERTIES



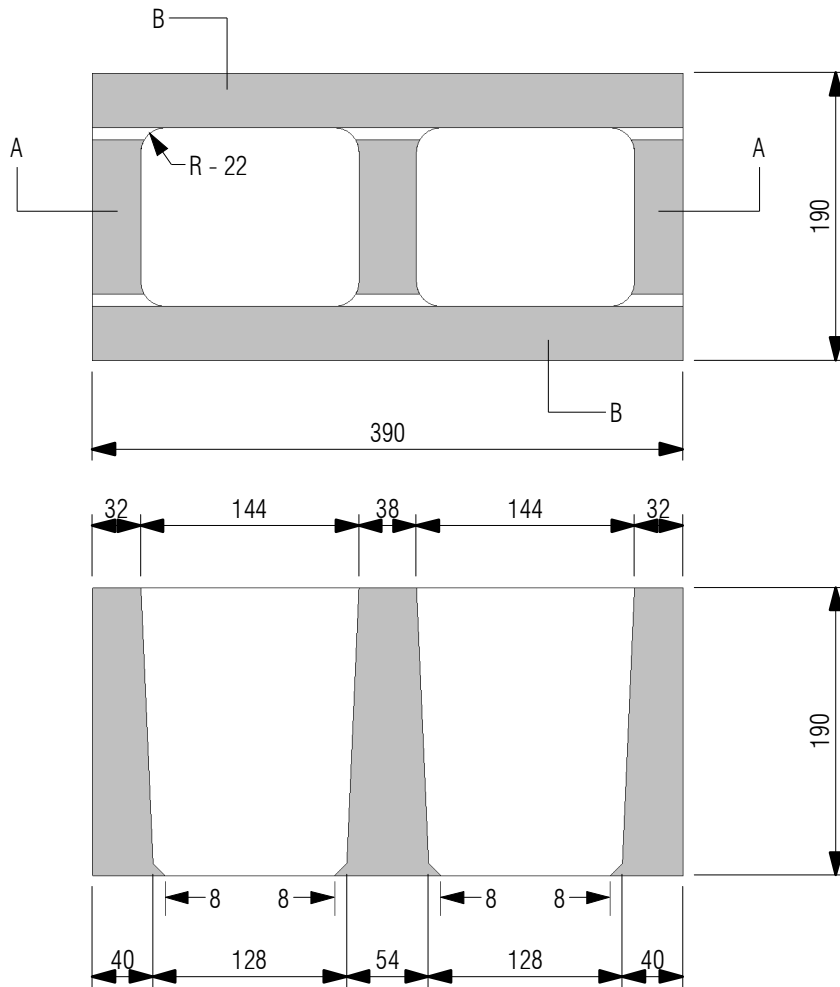
ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH:	190		
HEIGHT:	190		
LENGTH:	390		
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A,B,C,D/O,M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		32 26 106
AREA (mm²)	GROSS AREA NET AREA CORE AREA		7.14 x 10 ⁴ 4.15 x 10 ⁴ 1.53 x 10 ⁴
VOLUME (mm³)	GROSS VOLUME NET VOLUME VOID VOLUME		14.079 x 10 ⁶ 7.88 x 10 ⁶ 6.195 x 10 ⁶
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		56
TYPICAL UNIT MASS (kg)	CSA "A" - TYPE "A" CONCRETE CSA "B" - TYPE "B" CPNCRETE		16.5 13.8
TYPICAL UNIT MASS (kg/m²) (with mortar)	CSA "A" - TYPE "A" CONCRETE CSA "B" - TYPE "B" CPNCRETE		186
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT (NBCC) LIGHT WEIGHT (NBCC)	10	2.1
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT (NBCC) LIGHT WEIGHT (NBCC)	11	45
THERMAL PROPERTIES RSI Factors (m²degC/W)	NORMAL WEIGHT (NBCC) LIGHT WEIGHT (NBCC)	12	0.25
MOMENT OF INERTIA (mm⁴)	PER BLOCK I PER METRE Im		194.2 x 10 ⁶ 498.0 x 10 ⁶
SECTION MODULUS (mm³)	PER BLOCK S PER BLOCK Sm		2.045 x 10 ⁶ 5.242 x 10 ⁶

Important Classification Note

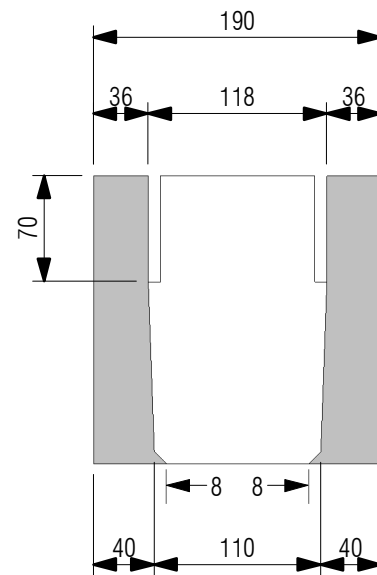
All **Light Weight** is classified as **B,C,D**

All **Normal Weight** is classified as **A**

20cm KNOCK OUT LINTEL



SECTION A-A



SECTION B-B

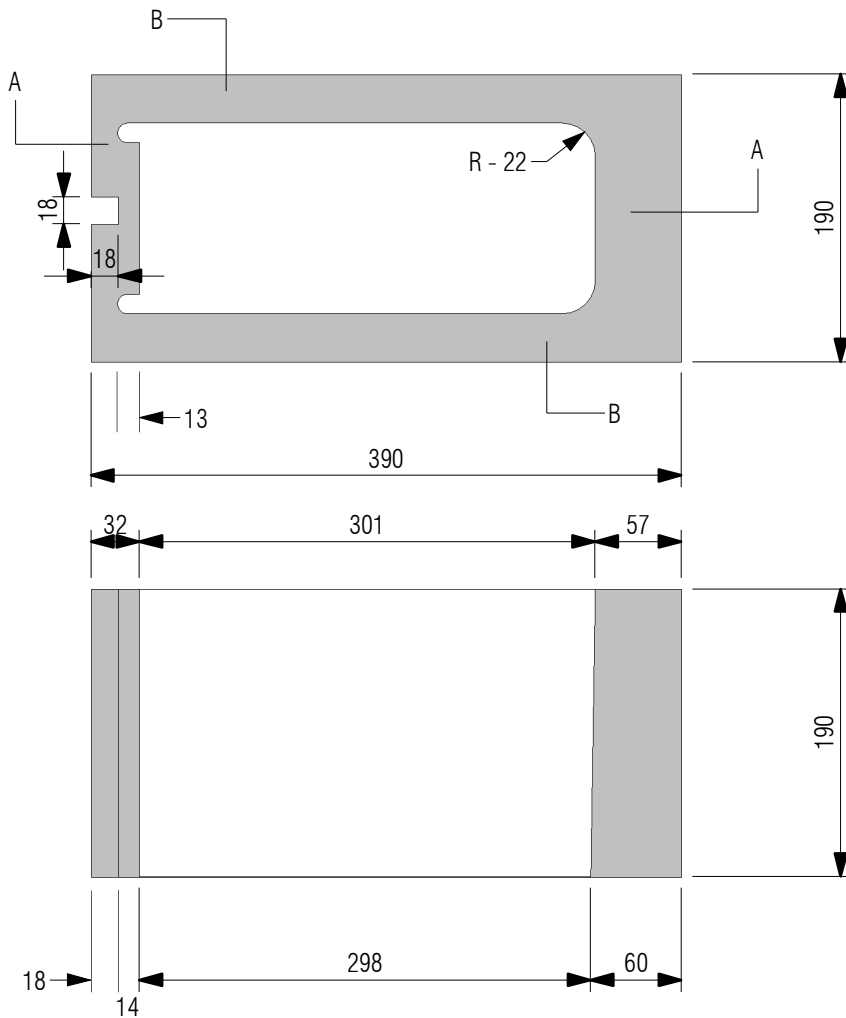
UNIT DATA	
LIGHT WEIGHT	14.7 kg
NORMAL WEIGHT TYPE A	18.1 kg
PERCENT SOLID	46.2%
VOID VOLUME (mm ²) x 10 ⁶	7.58
NET AREA (mm ²) x 10 ⁴	3.42
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm SINGLE CORE LINTEL



SECTION A-A

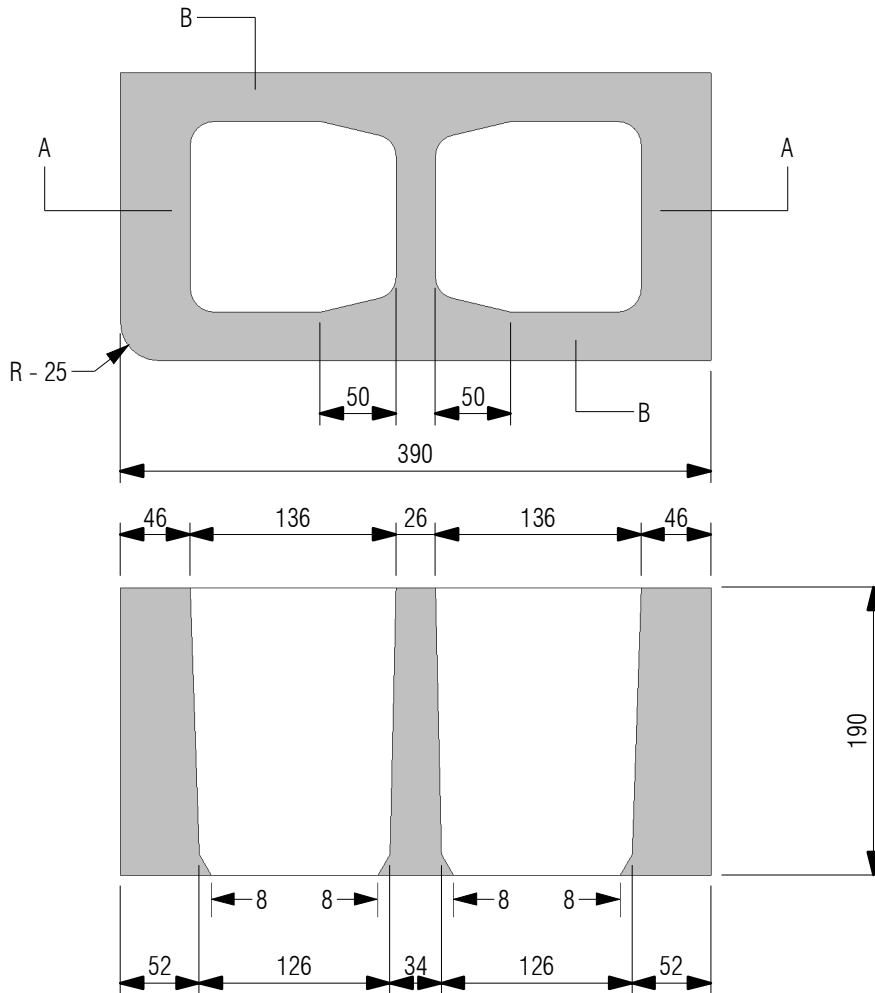
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	11.5 kg
NORMAL WEIGHT TYPE A	15 kg
PERCENT SOLID	52.3%
VOID VOLUME (mm ²) x 10 ⁶	6.65
NET AREA (mm ²) x 10 ⁴	3.88
BLOCKS PER PALLET	

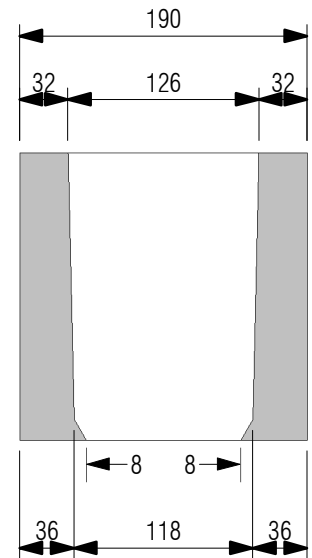
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm SINGLE BULLNOSE



SECTION A-A



SECTION B-B

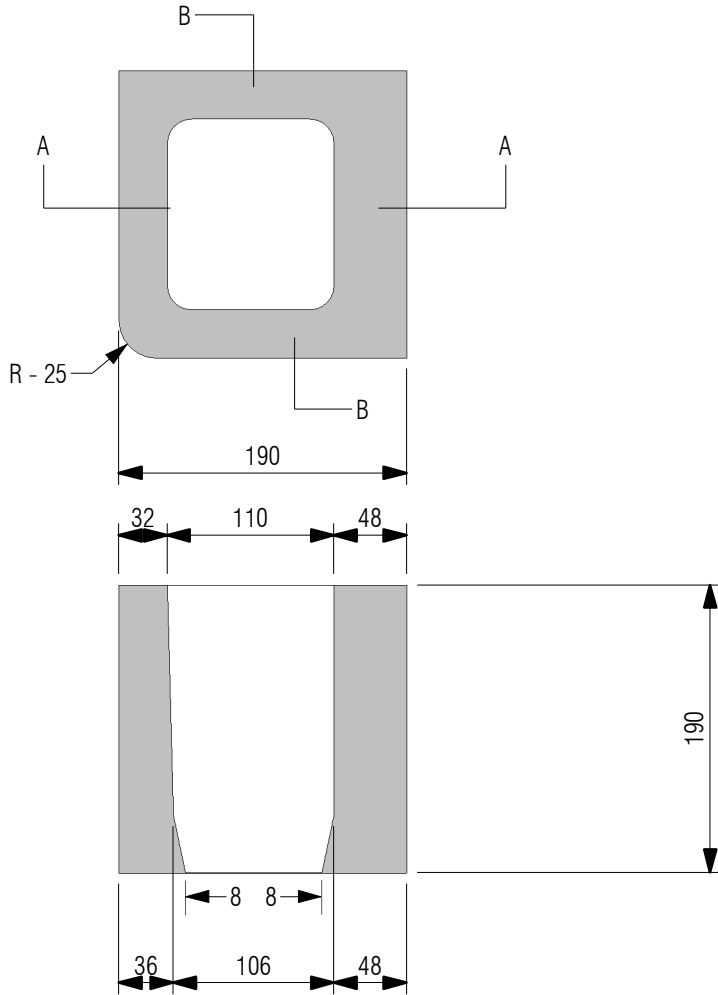
UNIT DATA	
LIGHT WEIGHT	15.1 kg
NORMAL WEIGHT TYPE A	18.2 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	5.68
NET AREA (mm ²) x 10 ⁴	4.38
BLOCKS PER PALLET	

Important Classification Note

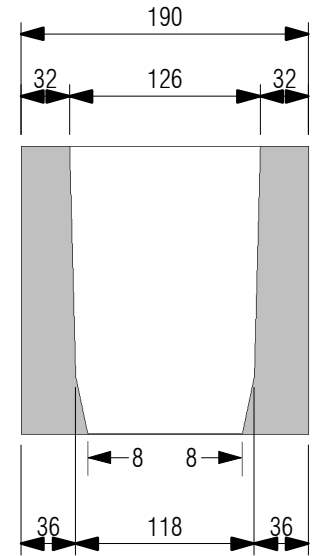
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm SINGLE BULLNOSE HALF



SECTION A-A



SECTION B-B

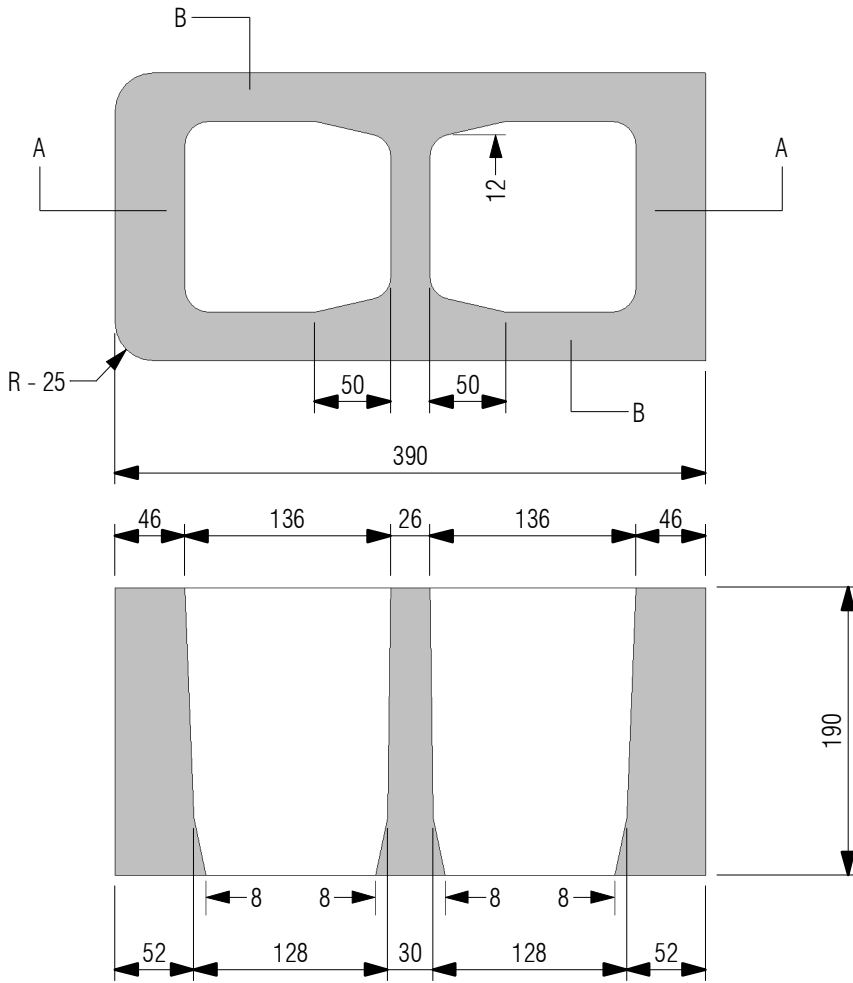
UNIT DATA	
LIGHT WEIGHT	7.8 kg
NORMAL WEIGHT TYPE A	9.9 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	3
NET AREA (mm ²) x 10 ⁴	2.27
BLOCKS PER PALLET	

Important Classification Note

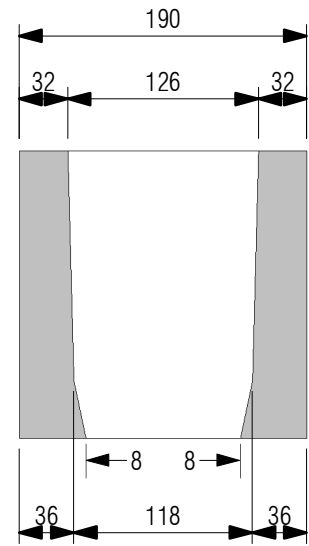
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm DOUBLE BULLNOSE



SECTION A-A



SECTION B-B

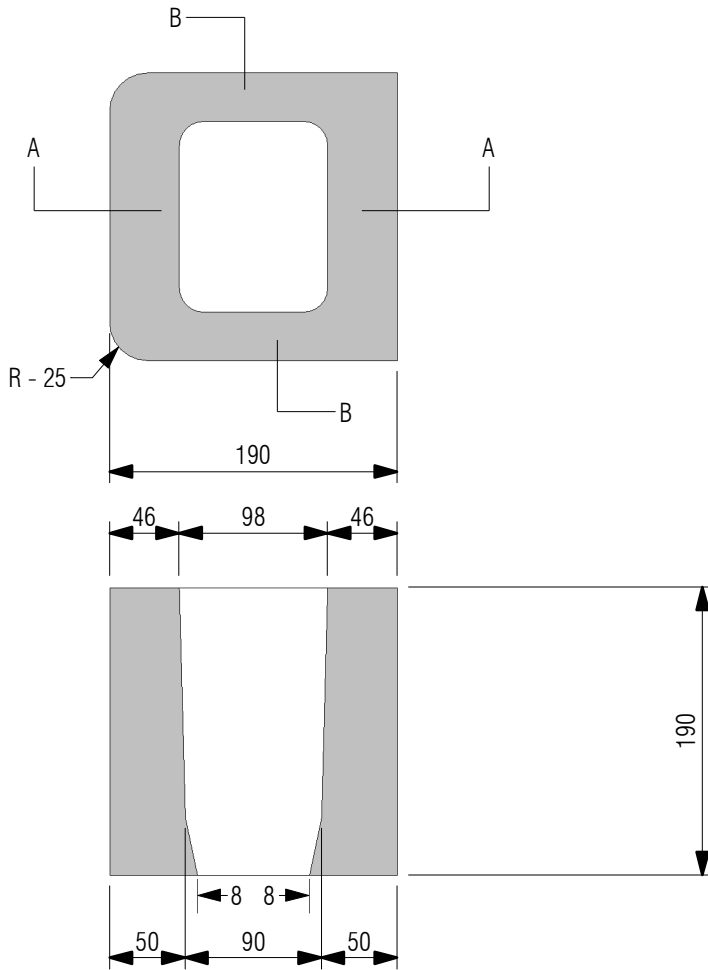
UNIT DATA	
LIGHT WEIGHT	15.3 kg
NORMAL WEIGHT TYPE A	19.4 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	5.68
NET AREA (mm ²) x 10 ⁴	4.38
BLOCKS PER PALLET	

Important Classification Note

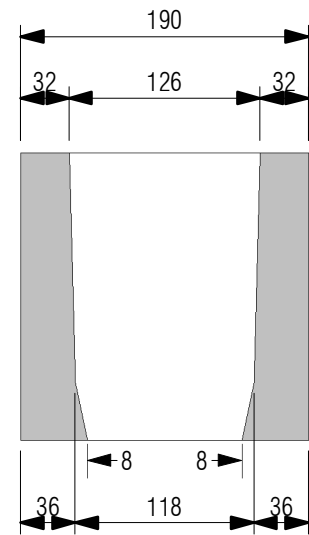
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm DOUBLE BULLNOSE HALF



SECTION A-A



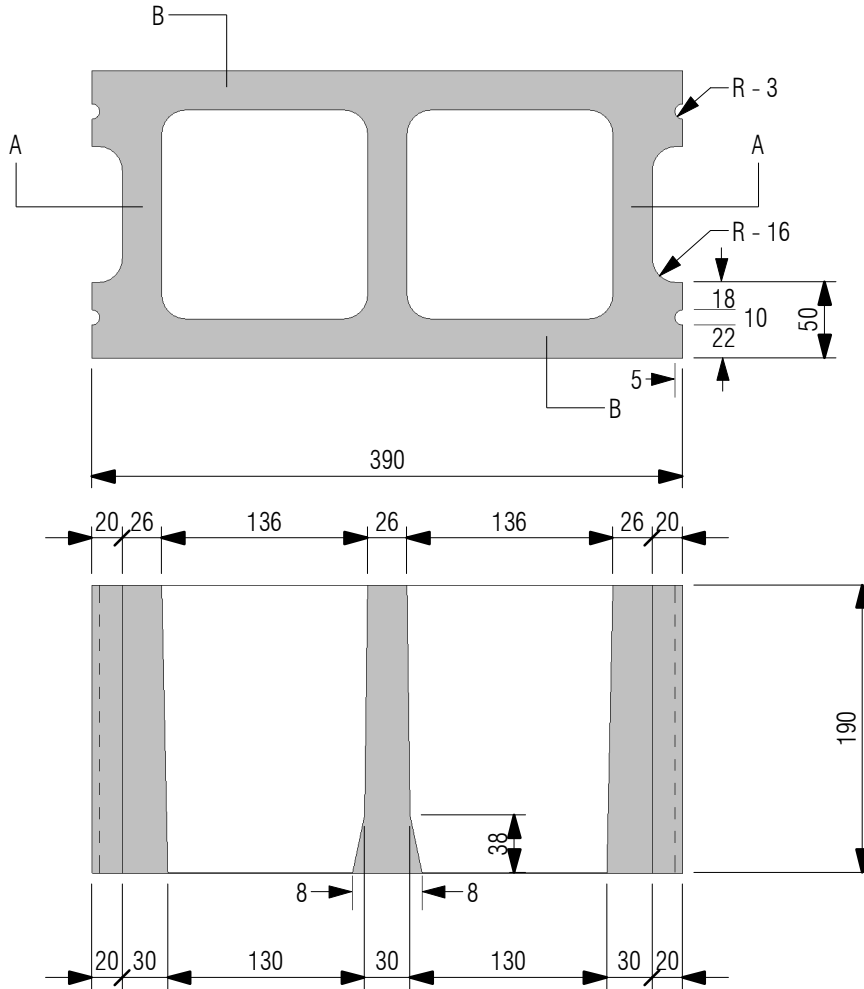
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	8.5 kg
NORMAL WEIGHT TYPE A	10.6 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	3
NET AREA (mm ²) x 10 ⁴	2.27
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm STANDARD



SECTION A-A

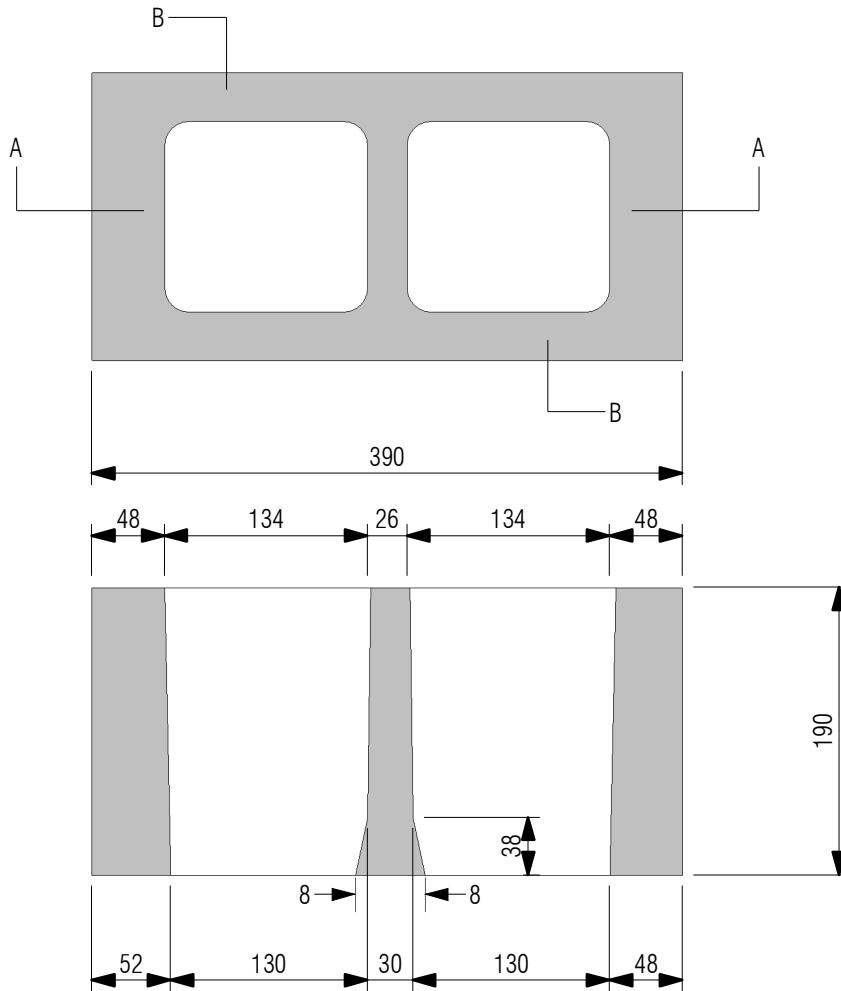
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	13.6 kg
NORMAL WEIGHT TYPE A	17.3 kg
PERCENT SOLID	52.9%
VOID VOLUME (mm ²) x 10 ⁶	6.691
NET AREA (mm ²) x 10 ⁴	3.95
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm CORNER



SECTION A-A

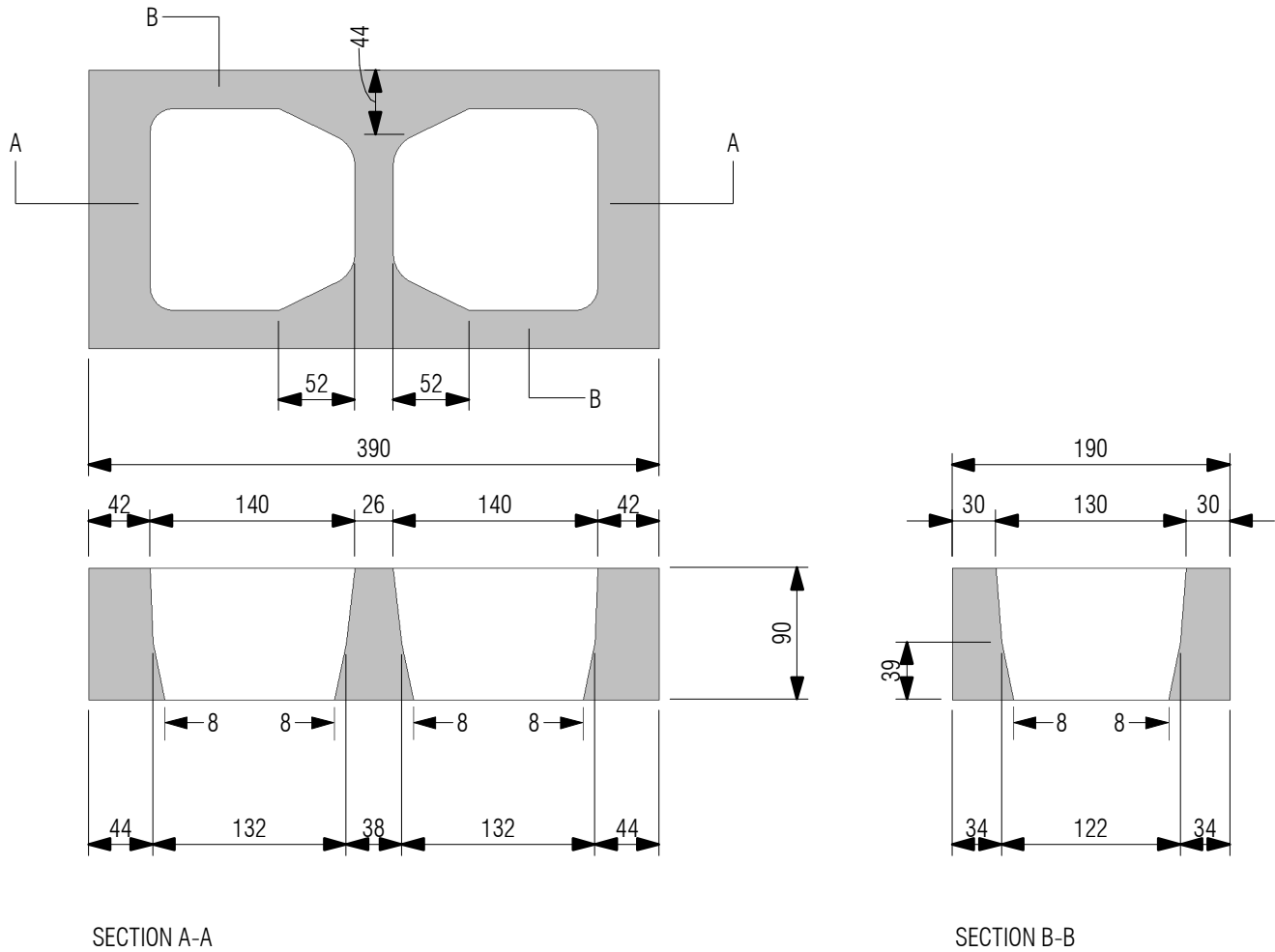
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	14.2 kg
NORMAL WEIGHT TYPE A	18 kg
PERCENT SOLID	53%
VOID VOLUME (mm ²) x 10 ⁶	6.2
NET AREA (mm ²) x 10 ⁴	4.15
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm HALF HIGH

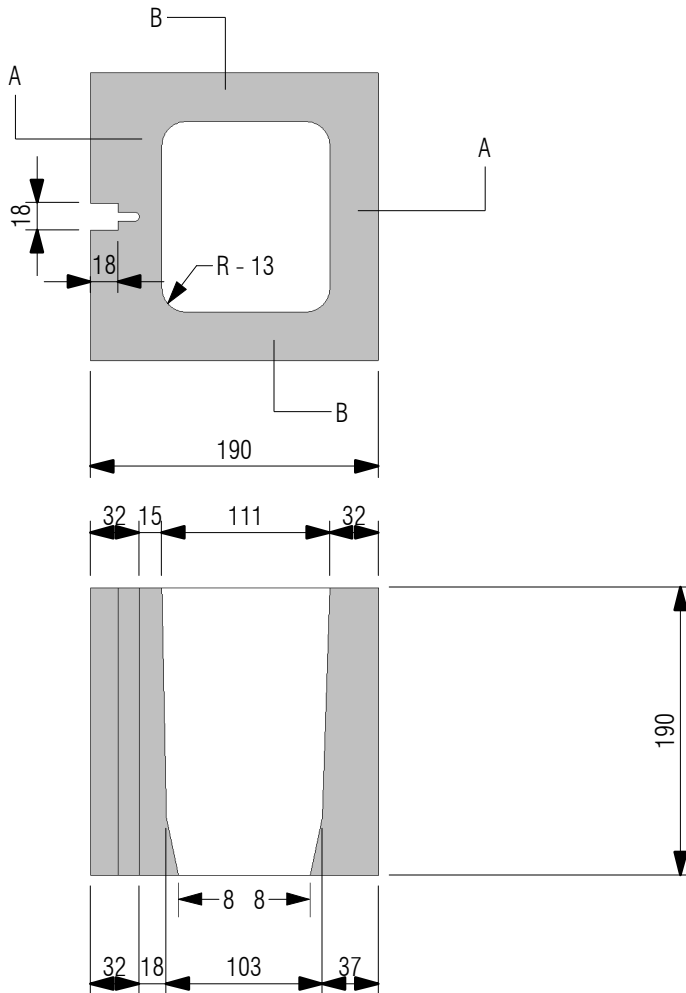


UNIT DATA	
LIGHT WEIGHT	6.73 kg
NORMAL WEIGHT TYPE A	7.7 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	2.89
NET AREA (mm ²) x 10 ⁴	4.00
BLOCKS PER PALLET	

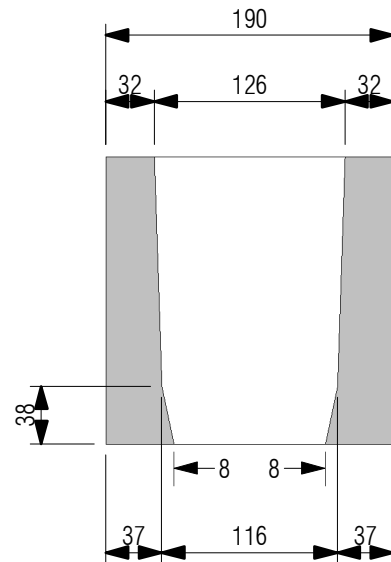
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm HALF



SECTION A-A



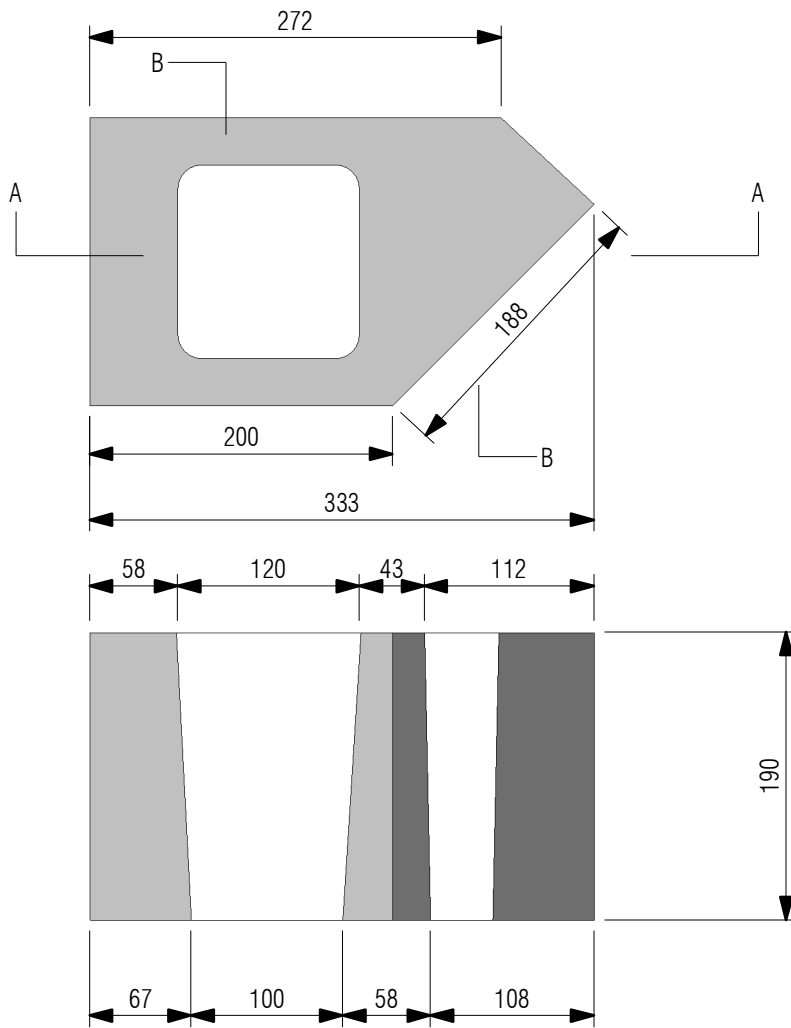
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	9.2 kg
NORMAL WEIGHT TYPE A	13.2 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	2.36
NET AREA (mm ²) x 10 ⁴	2.32
BLOCKS PER PALLET	

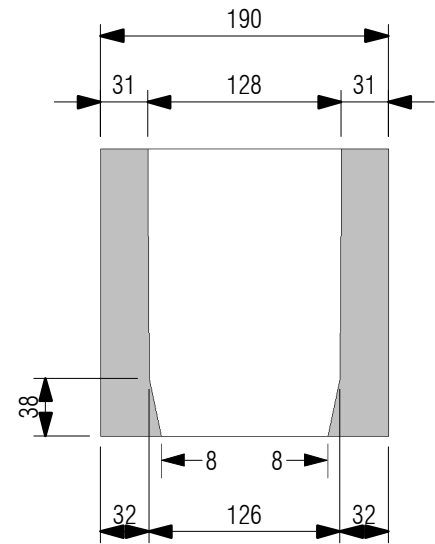
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm CORNER 45°



SECTION A-A



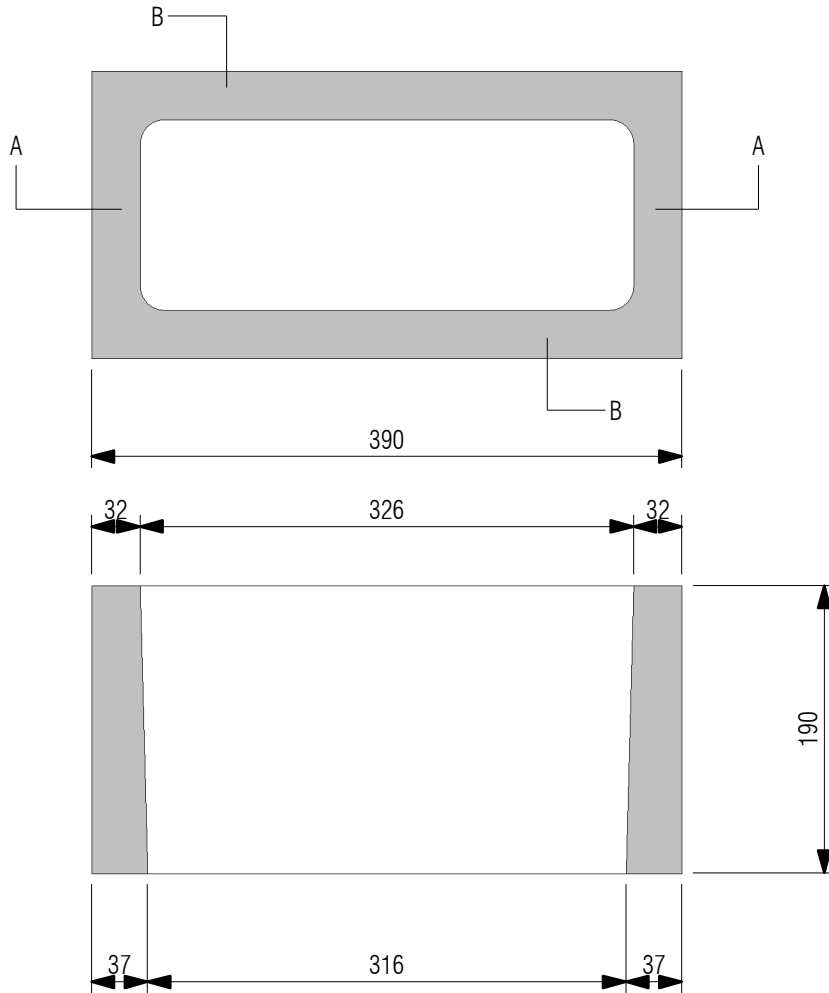
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	13.6 kg
NORMAL WEIGHT TYPE A	19.6 kg
PERCENT SOLID	46.2%
VOID VOLUME (mm ²) x 10 ⁶	7.58
NET AREA (mm ²) x 10 ⁴	3.42
BLOCKS PER PALLET	

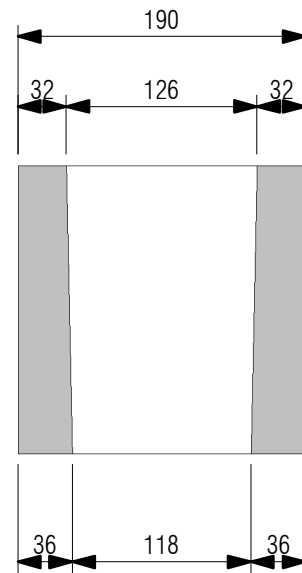
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm O-BLOCK



SECTION A-A



SECTION B-B

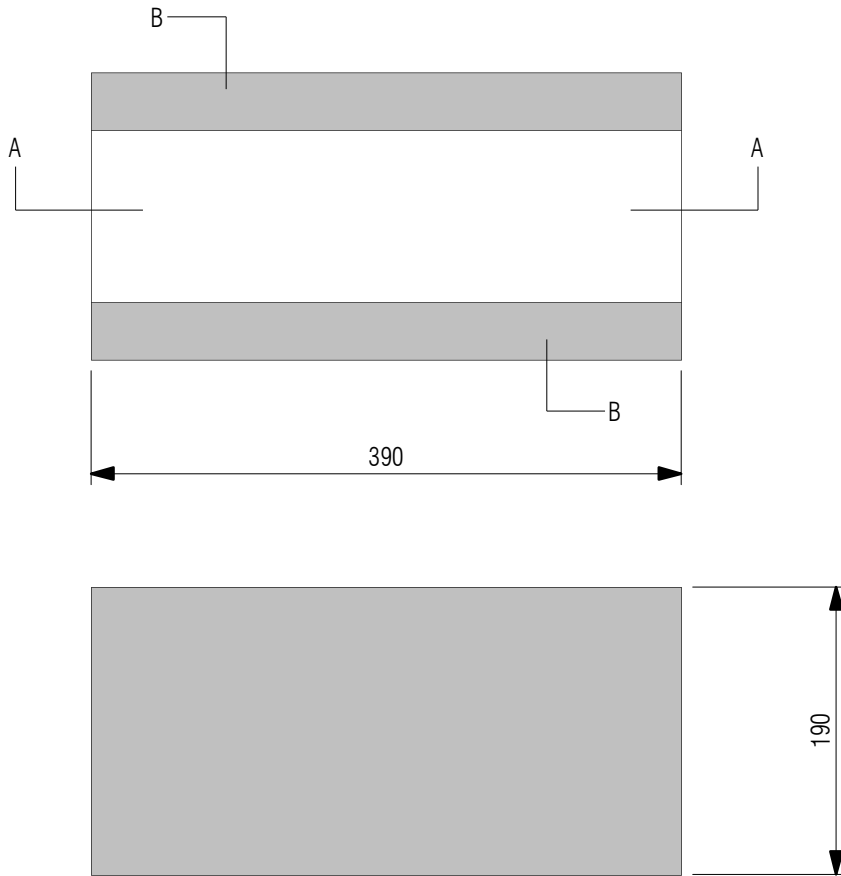
UNIT DATA	
LIGHT WEIGHT	11.5 kg
NORMAL WEIGHT TYPE A	15.3 kg
PERCENT SOLID	47.1%
VOID VOLUME (mm ³) x 10 ⁶	7.44
NET AREA (mm ²) x 10 ⁴	3.49
BLOCKS PER PALLET	

Important Classification Note

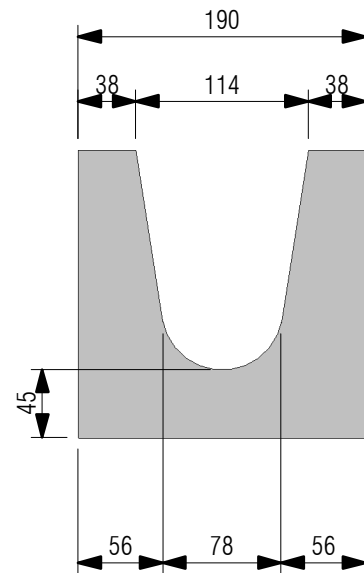
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm BOND BEAM



SECTION A-A



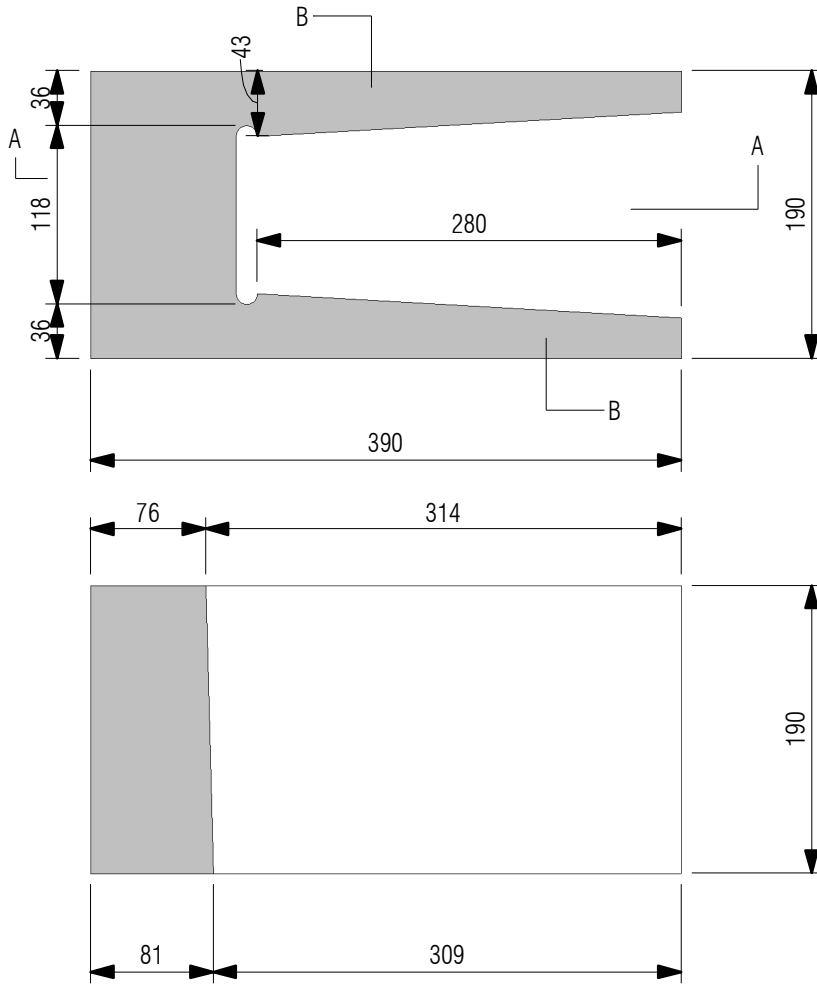
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	15.2 kg
NORMAL WEIGHT TYPE A	19.4 kg
PERCENT SOLID	65.2%
VOID VOLUME (mm ²) x 10 ⁶	4.9
NET AREA (mm ²) x 10 ⁴	4.83
BLOCKS PER PALLET	

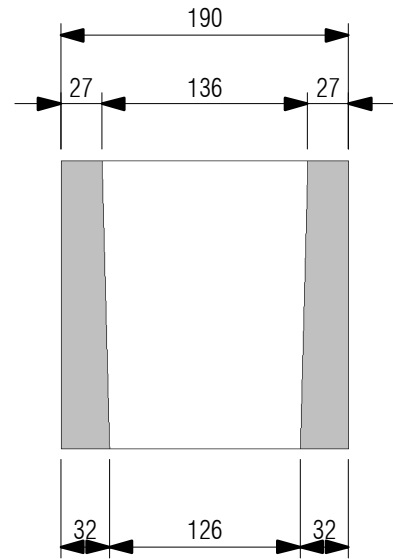
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

20cm FULL LINTEL



SECTION A-A



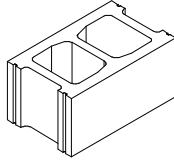
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	11.8 kg
NORMAL WEIGHT TYPE A	15.3 kg
PERCENT SOLID	48.5%
VOID VOLUME (mm ²) x 10 ⁶	7.25
NET AREA (mm ²) x 10 ⁴	3.59
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A



25cm PHYSICAL PROPERTIES

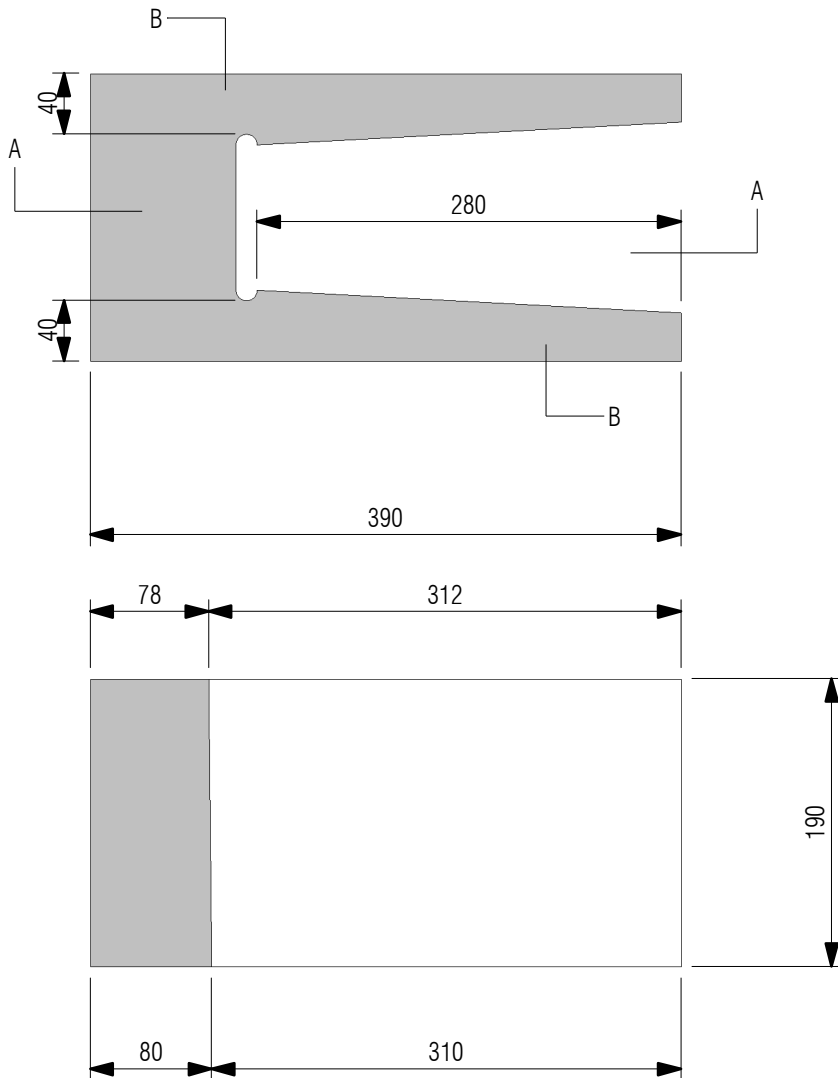
ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 240 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A, A, B, C, D, M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		35 28 124
AREA (mm ²)	GROSS AREA (mm ²) x 10 ⁴ NET AREA (mm ²) x 10 ⁴ CORE AREA (mm ²) x 10 ³		9.39 4.86 2.26
VOLUME (mm ³)	GROSS VOLUME (mm ³) x 10 ⁶ NET VOLUME (mm ³) x 10 ⁶ VOID VOLUME (mm ³) x 10 ⁶		17.88 9.257 8.623
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		51.8%
TYPICAL UNIT MASS (kg)	NORMAL WEIGHT LIGHT WEIGHT		21.4 14.7
TYPICAL UNIT MASS (kg/m ²) (with mortar)	NORMAL WEIGHT LIGHT WEIGHT		267 210
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT LIGHT WEIGHT		2.6 3.1
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT LIGHT WEIGHT	11	51 49
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT LIGHT WEIGHT	12	0.24 0.28
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		334.9 x 10 ⁶ 858.8 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		2.791 x 10 ⁶ 7.156 x 10 ⁶

Important Classification Note

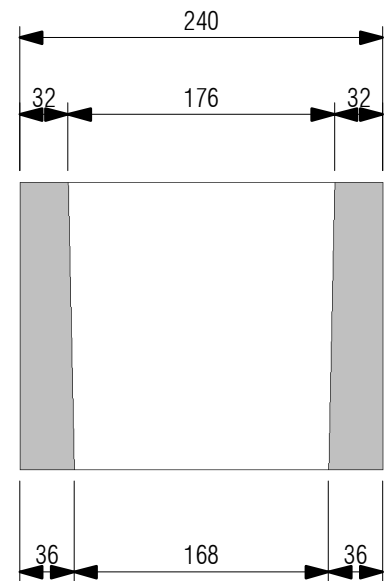
All Light Weight is classified as B,C,D

All Normal Weight is classified as A

25cm FULL LINTEL



SECTION A-A



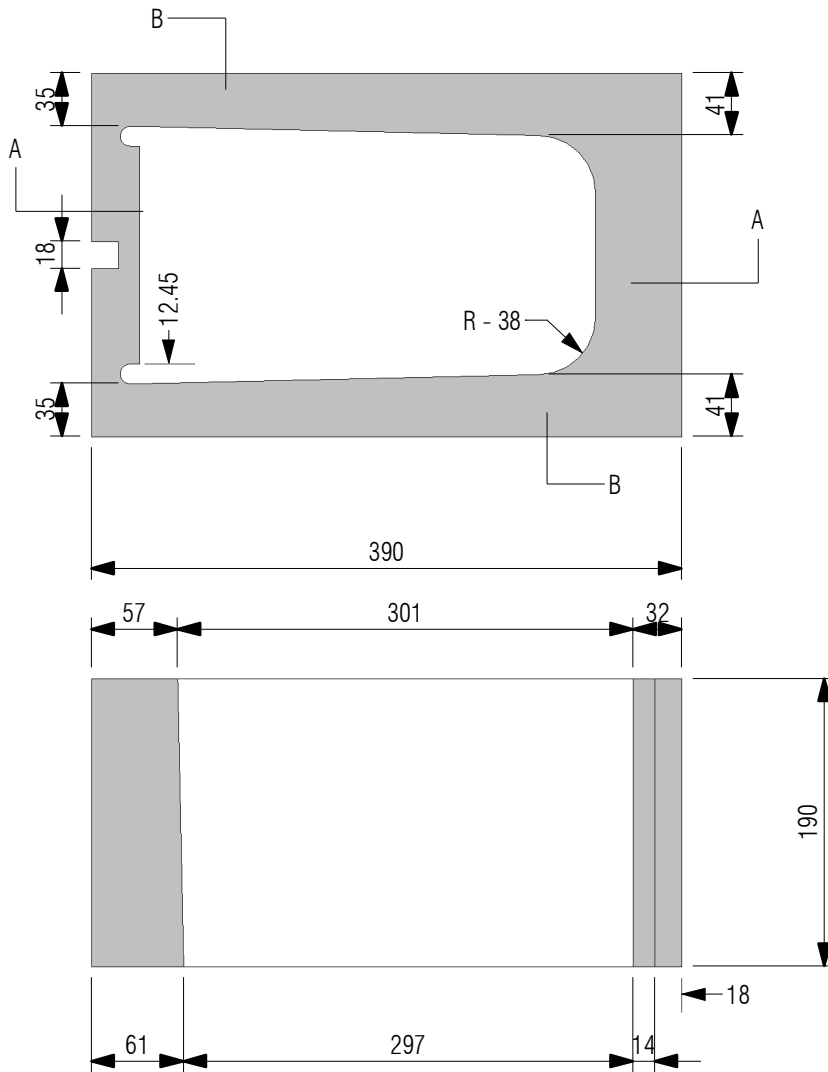
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	15.9 kg
NORMAL WEIGHT TYPE A	17.7 kg
PERCENT SOLID	45.8%
VOID VOLUME (mm ²) x 10 ⁶	9.65
NET AREA (mm ²) x 10 ⁴	4.28
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
 All **Normal Weight** is classified as A

25cm SINGLE CORE LINTEL



SECTION A-A

SECTION B-B

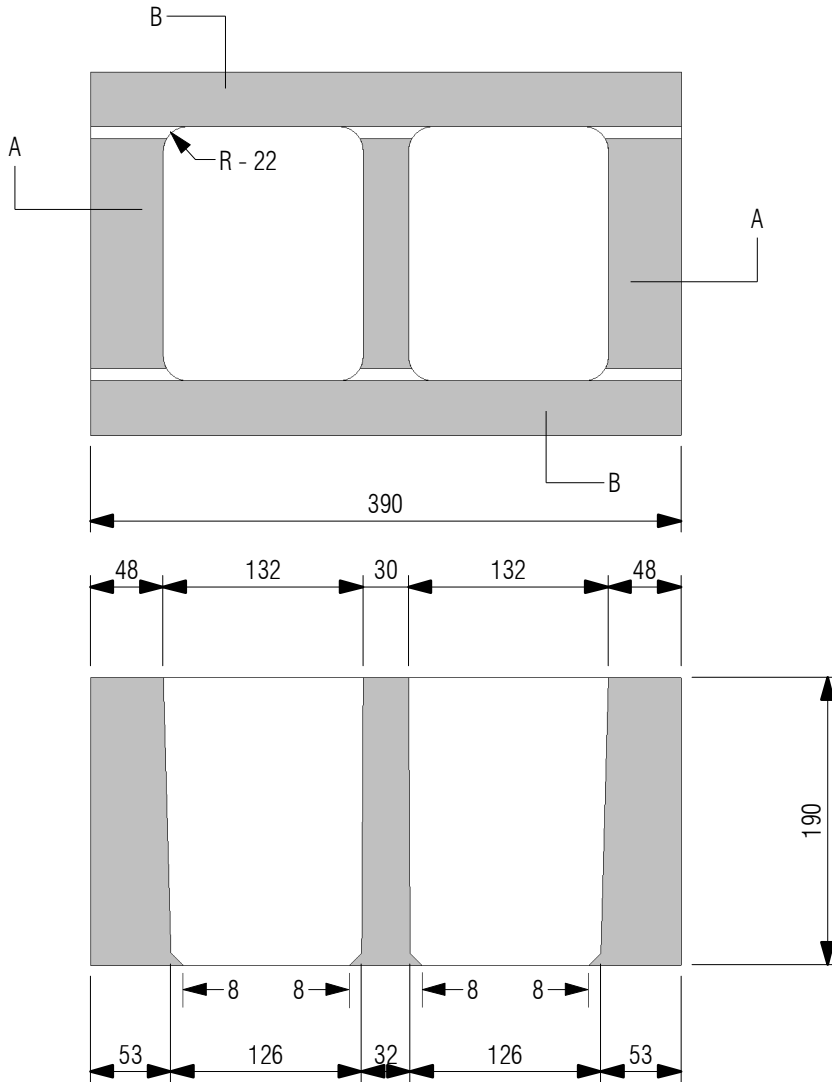
UNIT DATA	
LIGHT WEIGHT	16.5 kg
NORMAL WEIGHT TYPE A	20.6 kg
PERCENT SOLID	48%
VOID VOLUME (mm ²) x 10 ⁶	8.89
NET AREA (mm ²) x 10 ⁴	4.65
BLOCKS PER PALLET	

Important Classification Note

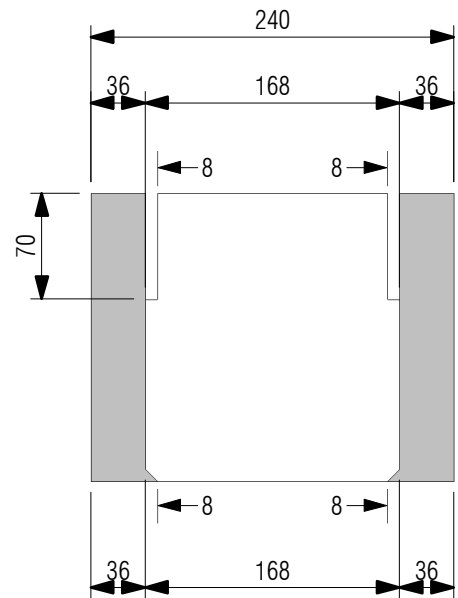
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

25cm KNOCK OUT LINTEL



SECTION A-A



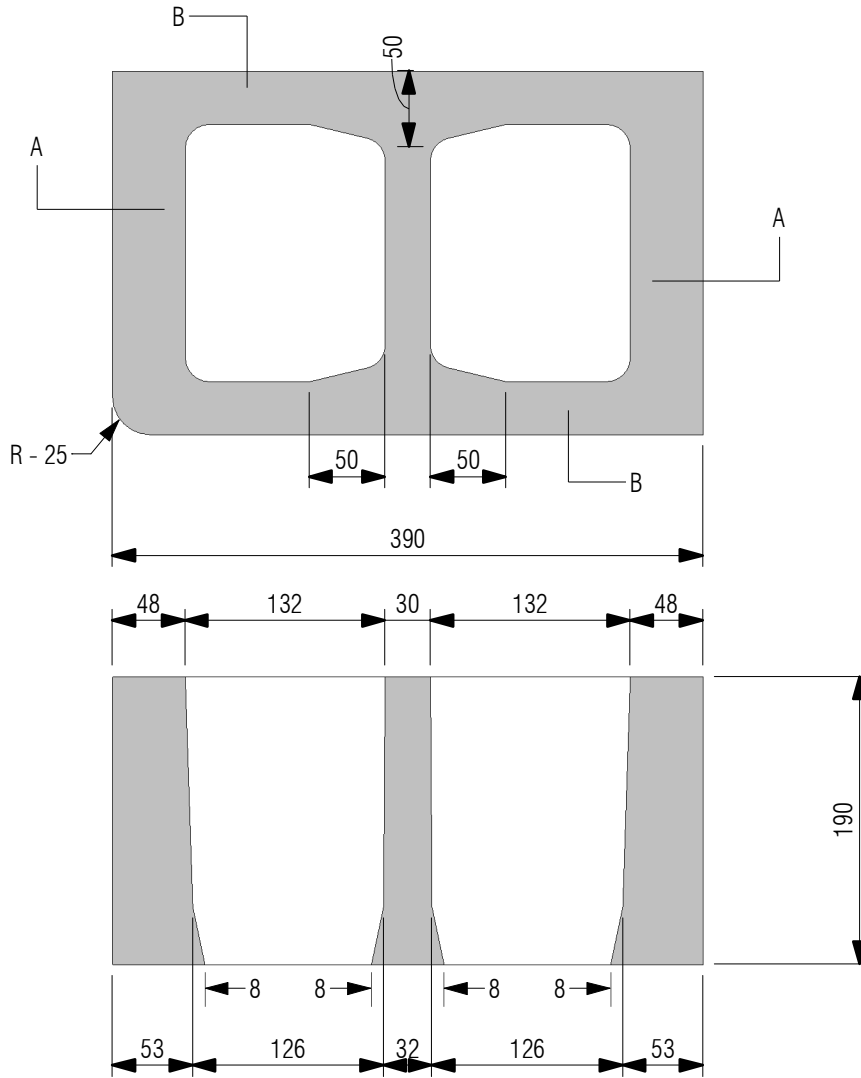
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	18 kg
NORMAL WEIGHT TYPE A	23 kg
PERCENT SOLID	56%
VOID VOLUME (mm ²) x 10 ⁶	10
NET AREA (mm ²) x 10 ⁴	5.25
BLOCKS PER PALLET	

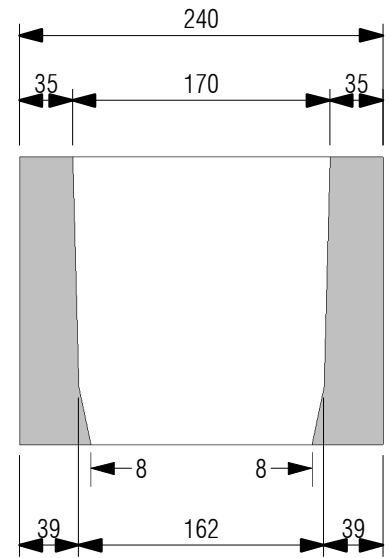
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm SINGLE BULLNOSE



SECTION A-A



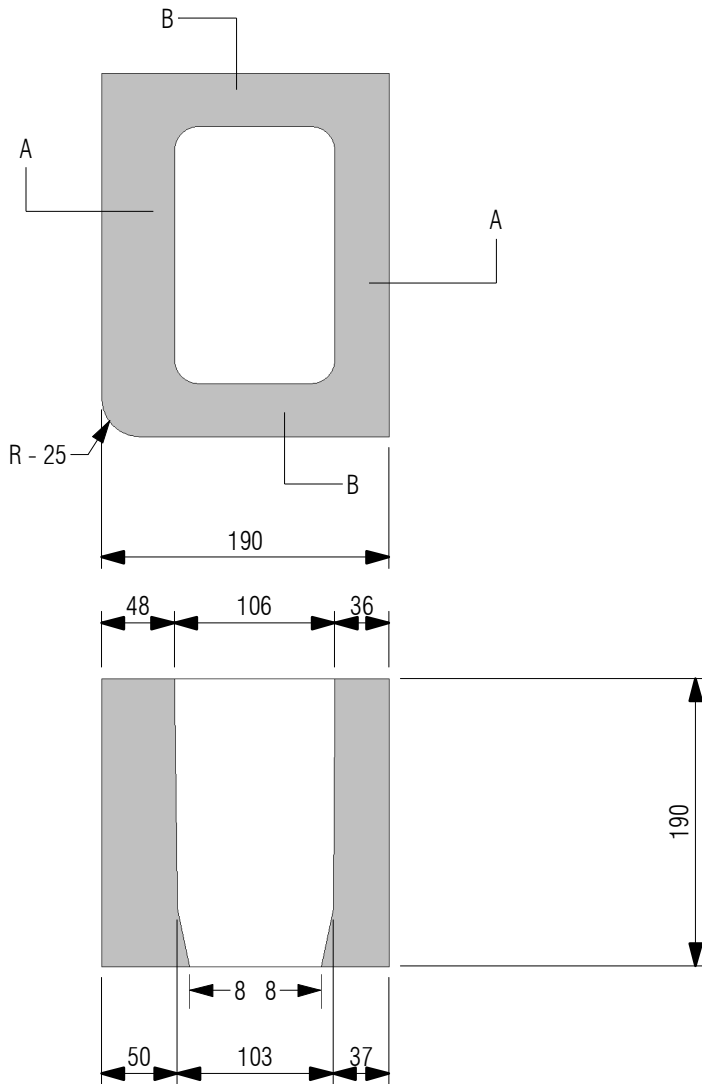
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	18.6 kg
NORMAL WEIGHT TYPE A	20.6 kg
PERCENT SOLID	57%
VOID VOLUME (mm ²) x 10 ⁶	7.64
NET AREA (mm ²) x 10 ⁴	5.33
BLOCKS PER PALLET	

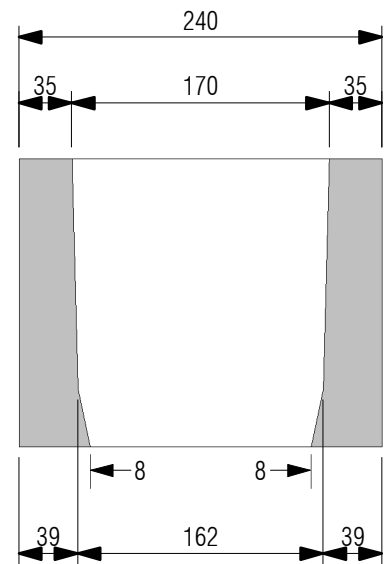
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm SINGLE BULLNOSE HALF



SECTION A-A



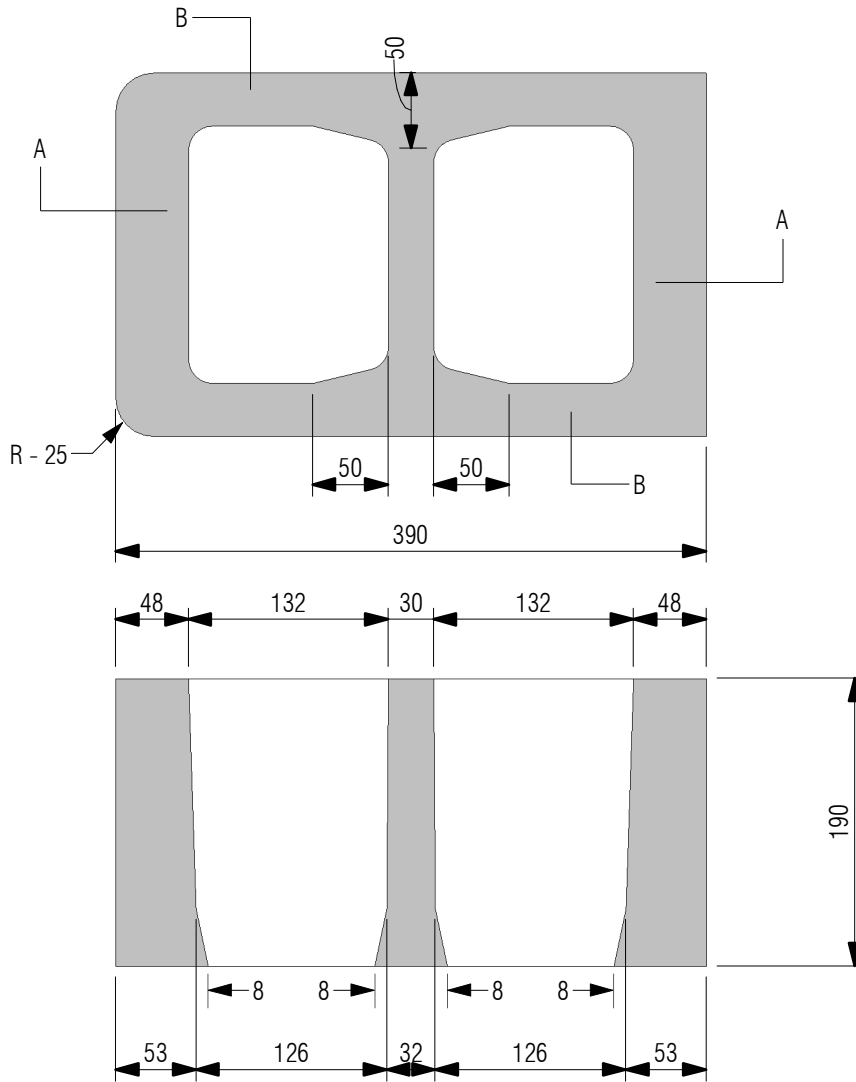
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	10.8 kg
NORMAL WEIGHT TYPE A	12.1 kg
PERCENT SOLID	63.4%
VOID VOLUME (mm ²) x 10 ⁶	3.16
NET AREA (mm ²) x 10 ⁴	2.88
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm DOUBLE BULLNOSE

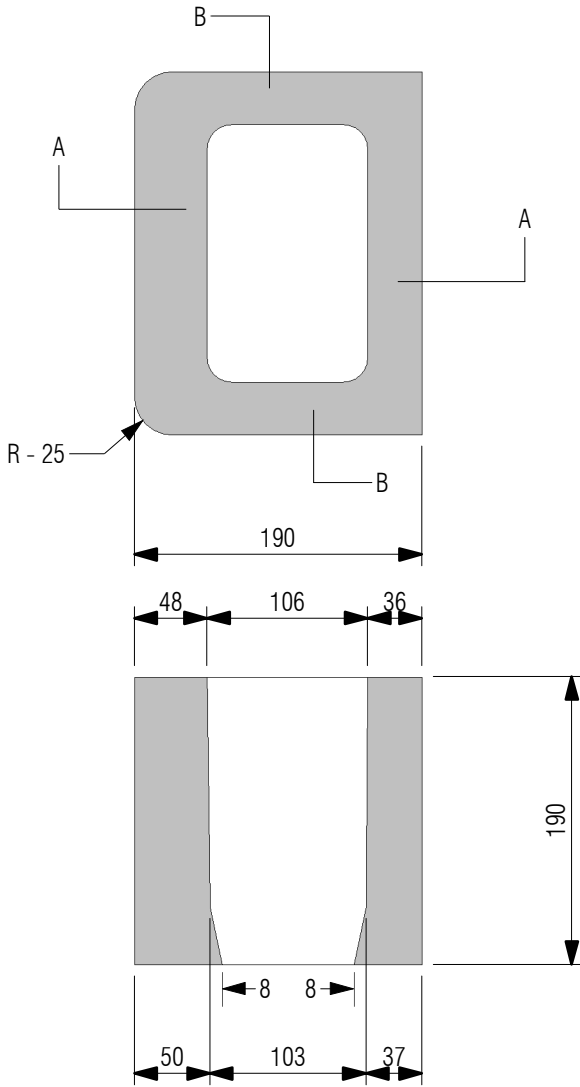


UNIT DATA	
LIGHT WEIGHT	18.3 kg
NORMAL WEIGHT TYPE A	21 kg
PERCENT SOLID	54%
VOID VOLUME (mm ²) x 10 ⁶	9.5
NET AREA (mm ²) x 10 ⁴	6.14
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm DOUBLE BULLNOSE HALF

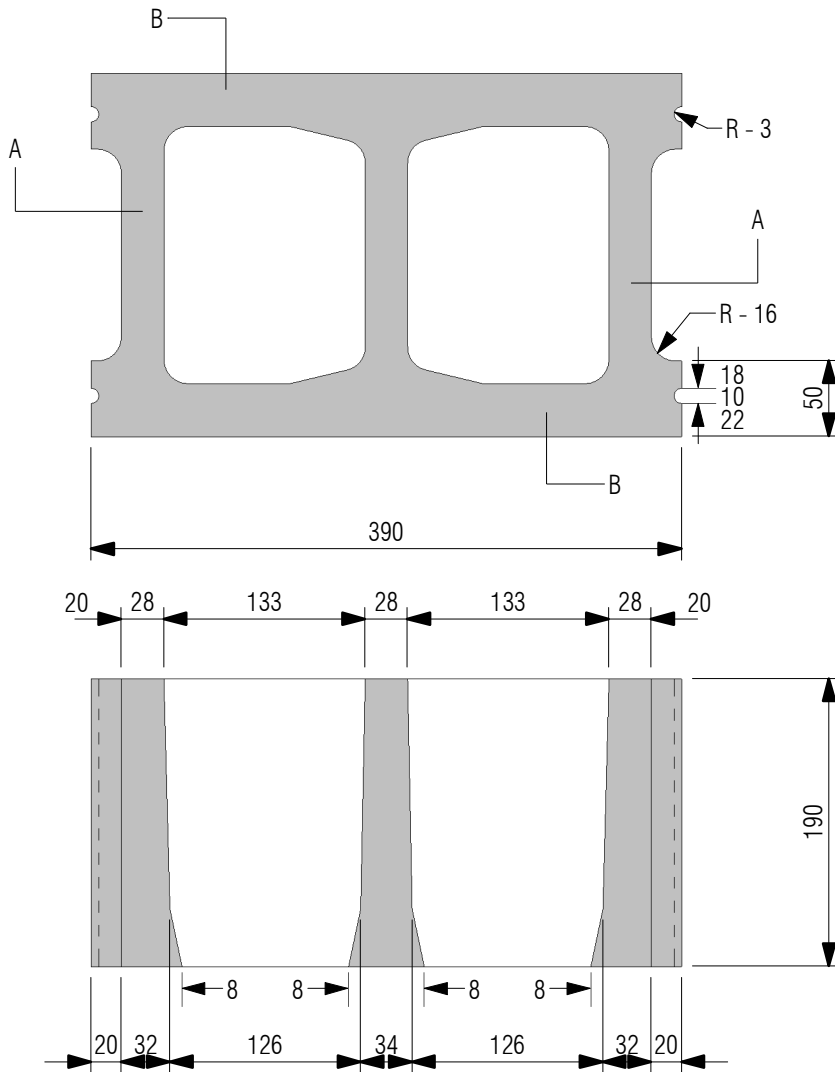


UNIT DATA	
LIGHT WEIGHT	10.8 kg
NORMAL WEIGHT TYPE A	12.1 kg
PERCENT SOLID	63.4%
VOID VOLUME (mm ²) x 10 ⁶	3.16
NET AREA (mm ²) x 10 ⁴	2.88
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm STANDARD



SECTION A-A

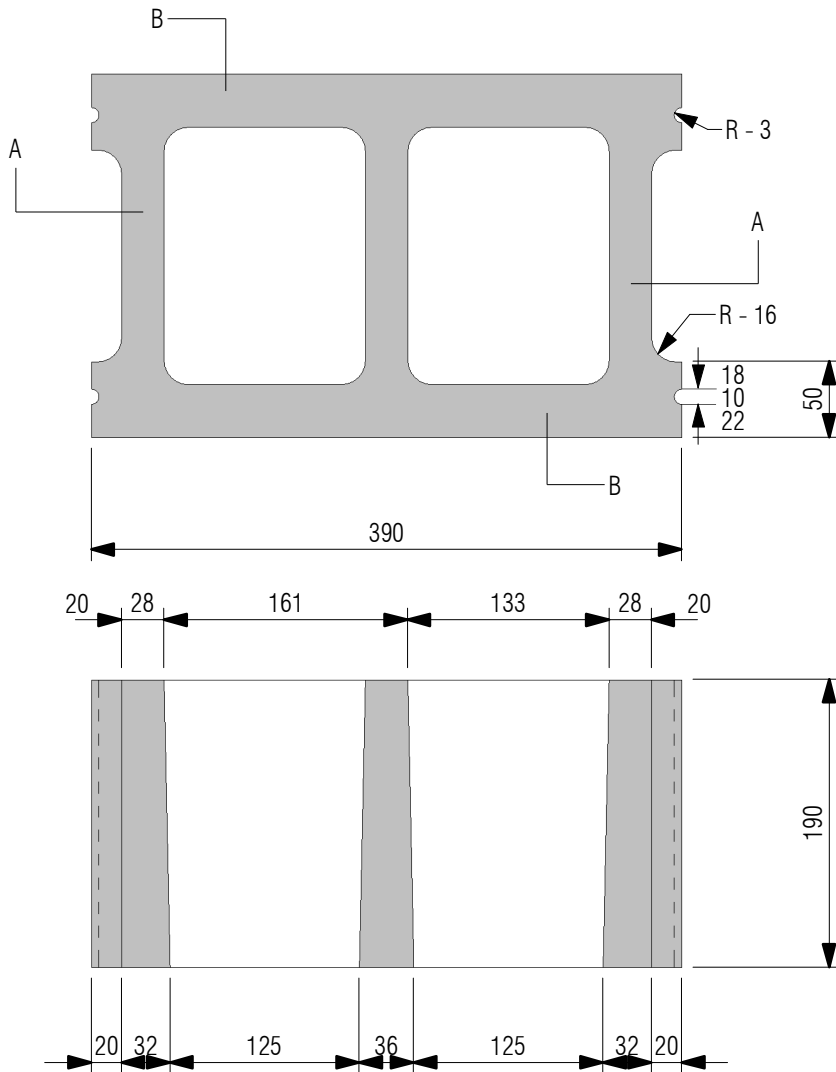
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	14.7 kg
NORMAL WEIGHT TYPE A	21.4 kg
PERCENT SOLID	51.8%
VOID VOLUME (mm ²) x 10 ⁶	8.623
NET AREA (mm ²) x 10 ⁴	4.86
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm STANDARD



SECTION A-A

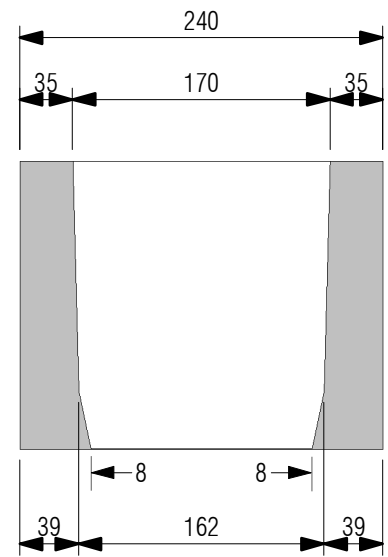
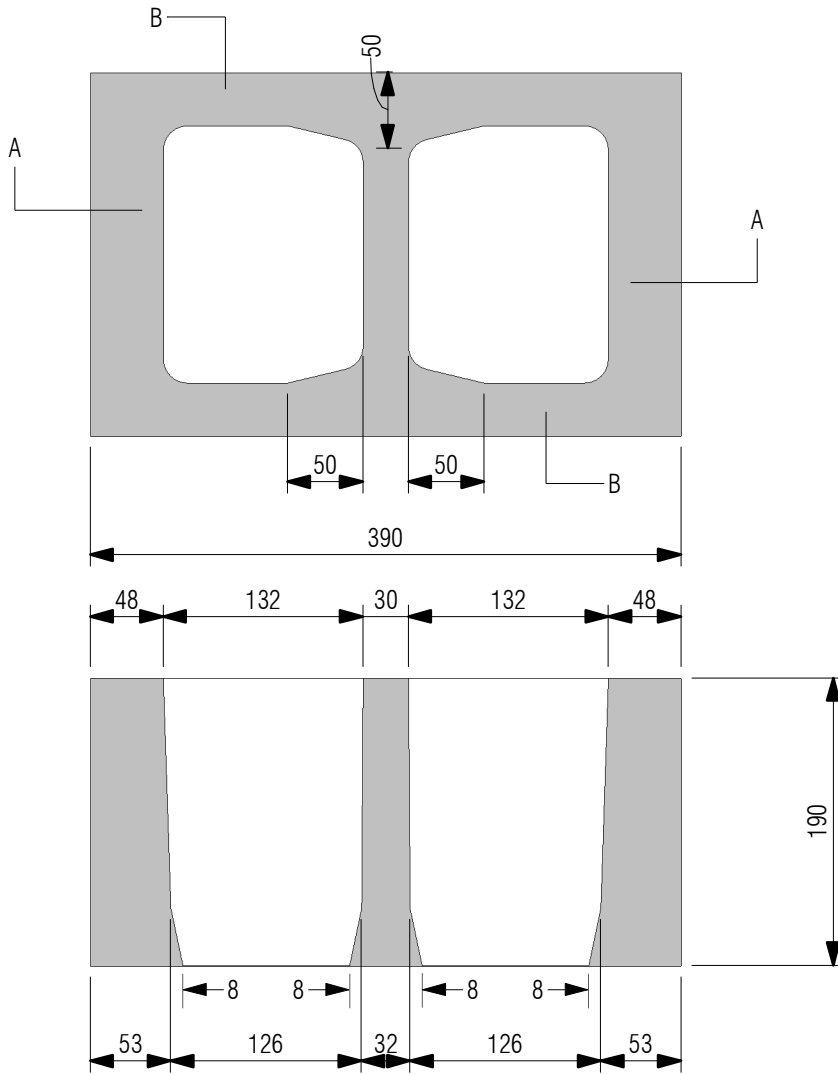
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	14.7 kg
NORMAL WEIGHT TYPE A	N/A
PERCENT SOLID	51.8%
VOID VOLUME (mm ²) x 10 ⁶	8.623
NET AREA (mm ²) x 10 ⁴	4.86
MPa	10.36
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm SQUARE END

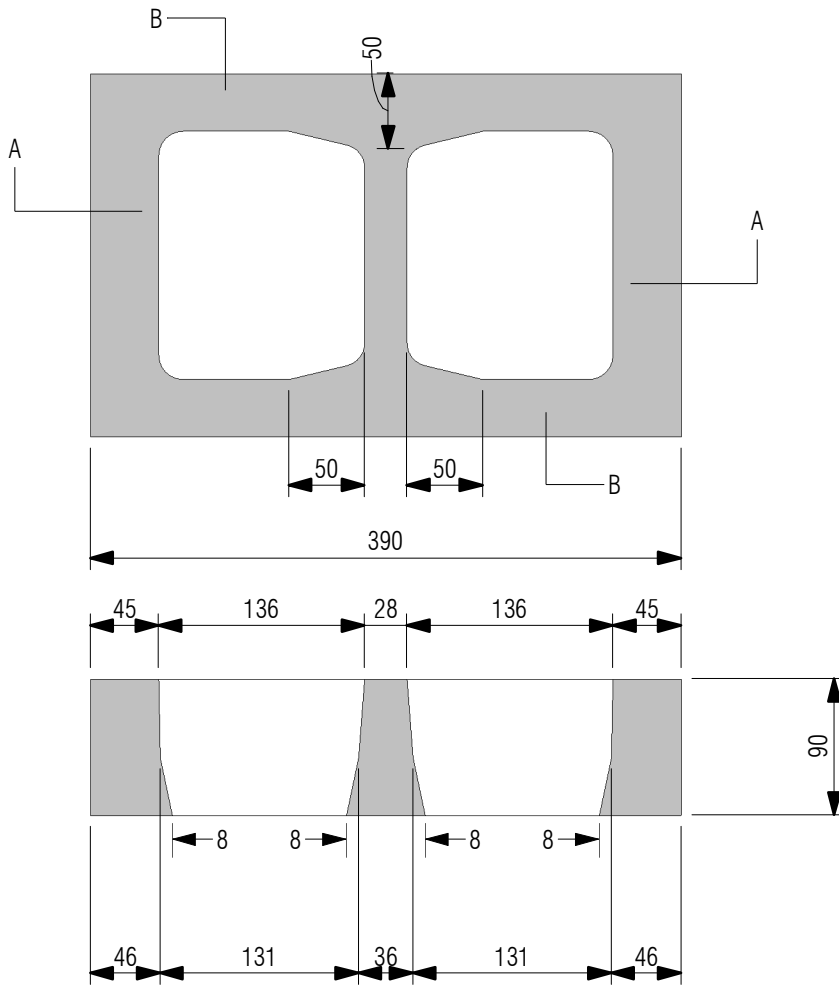


UNIT DATA	
LIGHT WEIGHT	18.1 kg
NORMAL WEIGHT TYPE A	22 kg
PERCENT SOLID	57%
VOID VOLUME (mm ²) x 10 ⁶	4.64
NET AREA (mm ²) x 10 ⁴	5.34
BLOCKS PER PALLET	

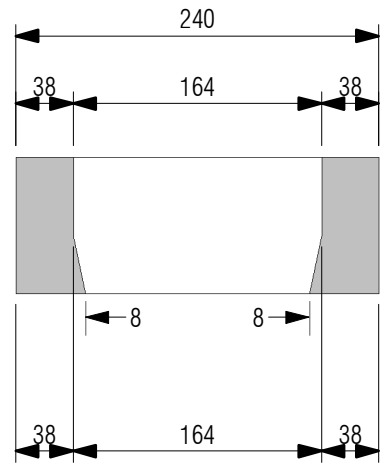
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm HALF HIGH



SECTION A-A



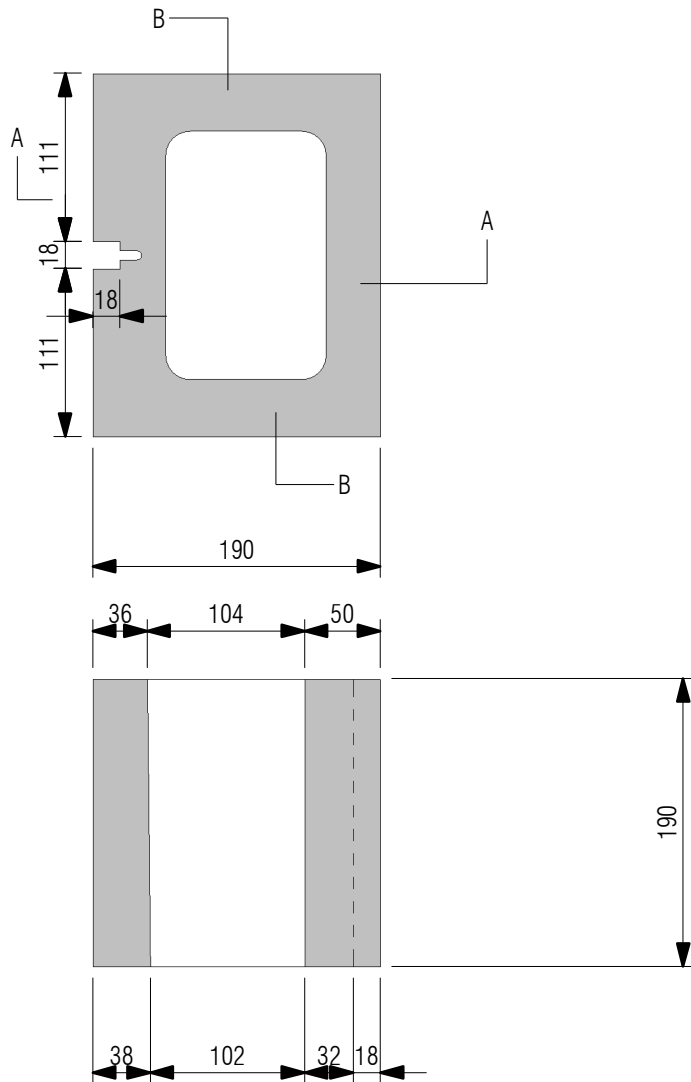
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	8.9 kg
NORMAL WEIGHT TYPE A	10.7 kg
PERCENT SOLID	56.8%
VOID VOLUME (mm ²) x 10 ⁶	3.64
NET AREA (mm ²) x 10 ⁴	5.32
BLOCKS PER PALLET	

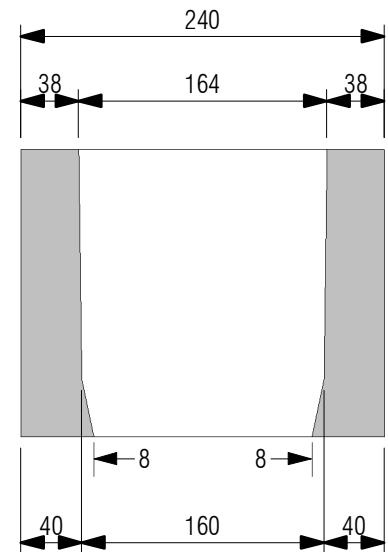
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm HALF



SECTION A-A



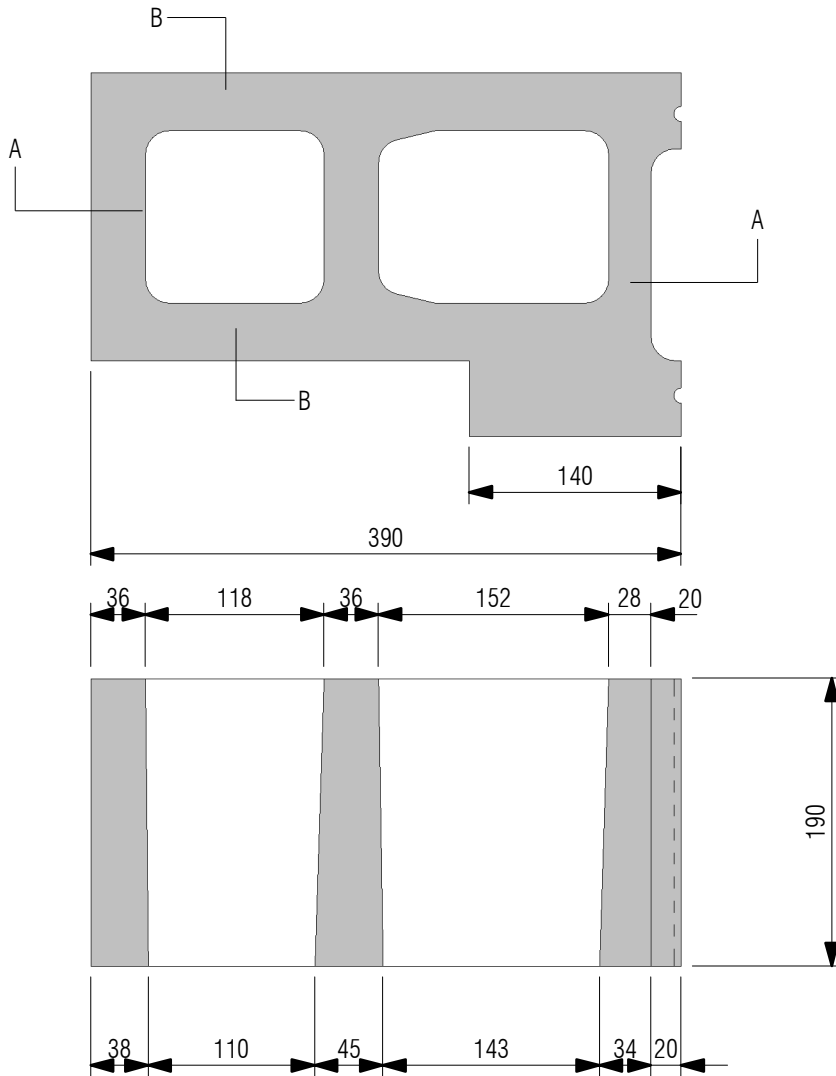
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	8.8 kg
NORMAL WEIGHT TYPE A	11.6 kg
PERCENT SOLID	59%
VOID VOLUME (mm ²) x 10 ⁶	2.79
NET AREA (mm ²) x 10 ⁴	3.06
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

25cm L CORNER



SECTION A-A

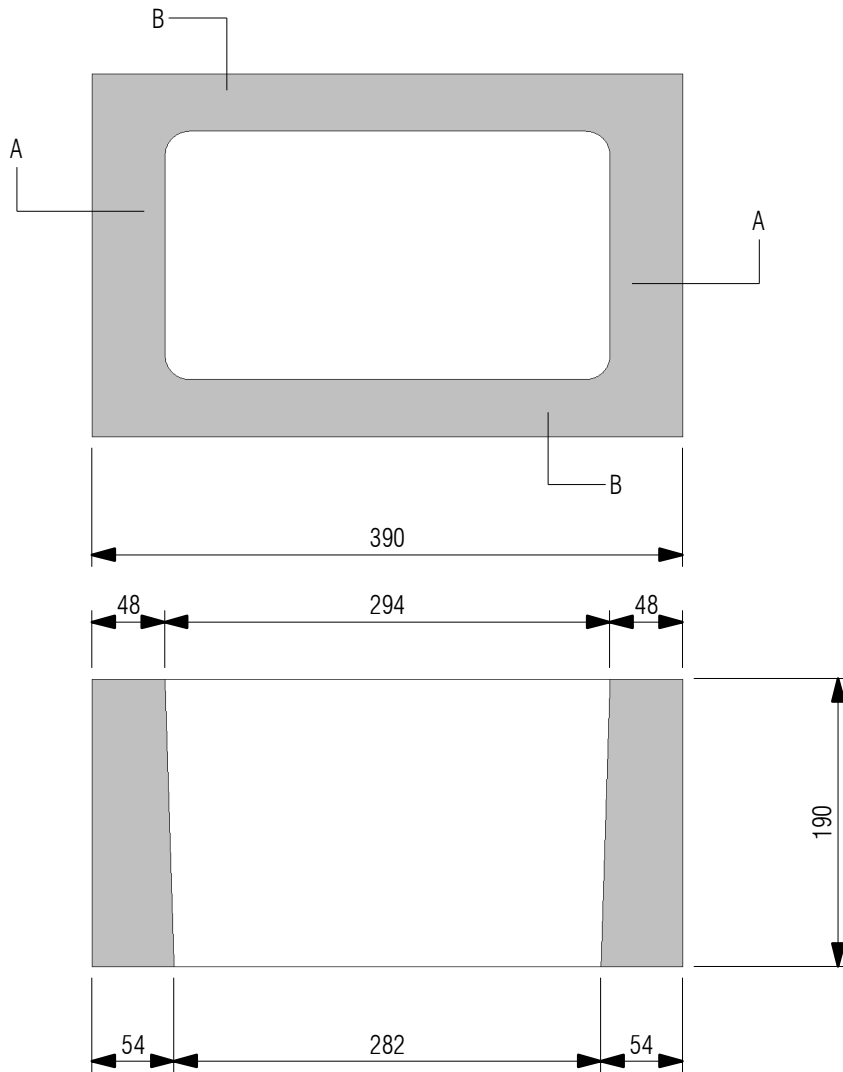
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	16 kg
NORMAL WEIGHT TYPE A	20.9 kg
PERCENT SOLID	61.3%
VOID VOLUME (mm ²) x 10 ⁶	5.97
NET AREA (mm ²) x 10 ⁴	4.97
BLOCKS PER PALLET	

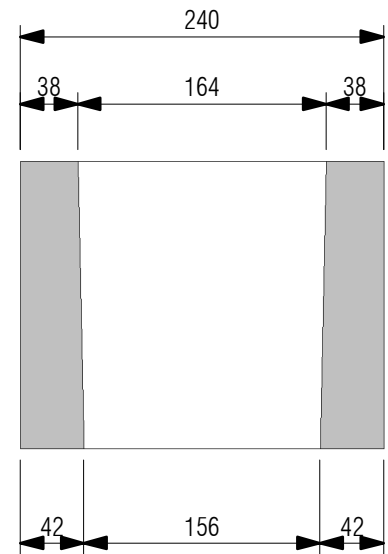
Important Classification Note

All **Light Weight** is classified as B,C,D
 All **Normal Weight** is classified as A

25cm O BLOCK



SECTION A-A



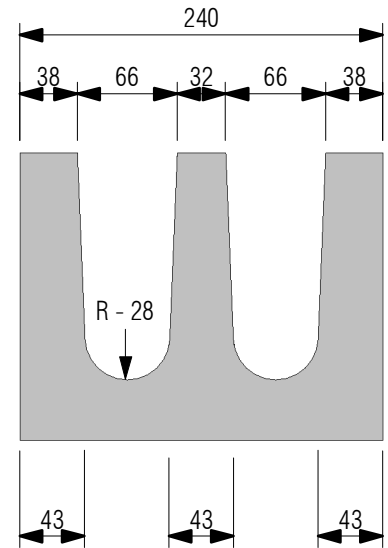
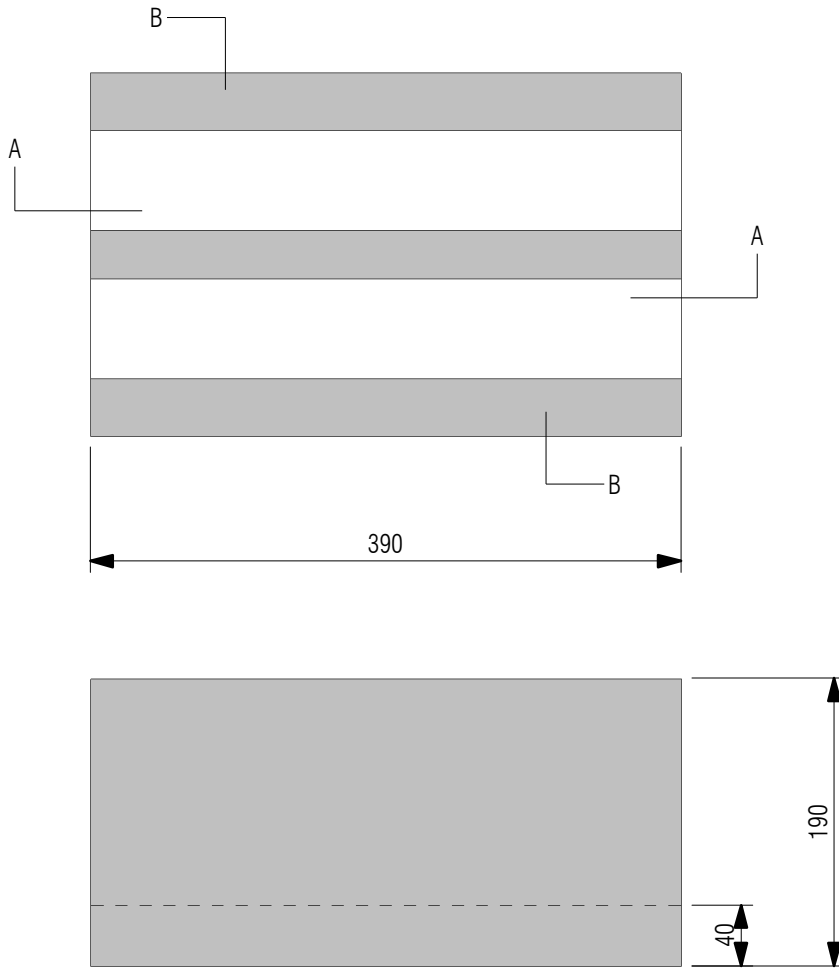
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	12.6 kg
NORMAL WEIGHT TYPE A	18.9 kg
PERCENT SOLID	50.8%
VOID VOLUME (mm ²) x 10 ⁶	8.76
NET AREA (mm ²) x 10 ⁴	4.75
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

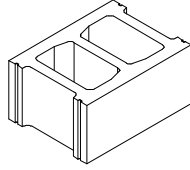
25cm BOND BEAM



UNIT DATA	
LIGHT WEIGHT	20.8 kg
NORMAL WEIGHT TYPE A	24.4 kg
PERCENT SOLID	62%
VOID VOLUME (mm ²) x 10 ⁶	6.77
NET AREA (mm ²) x 10 ⁴	5.8
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A



30cm PHYSICAL PROPERTIES

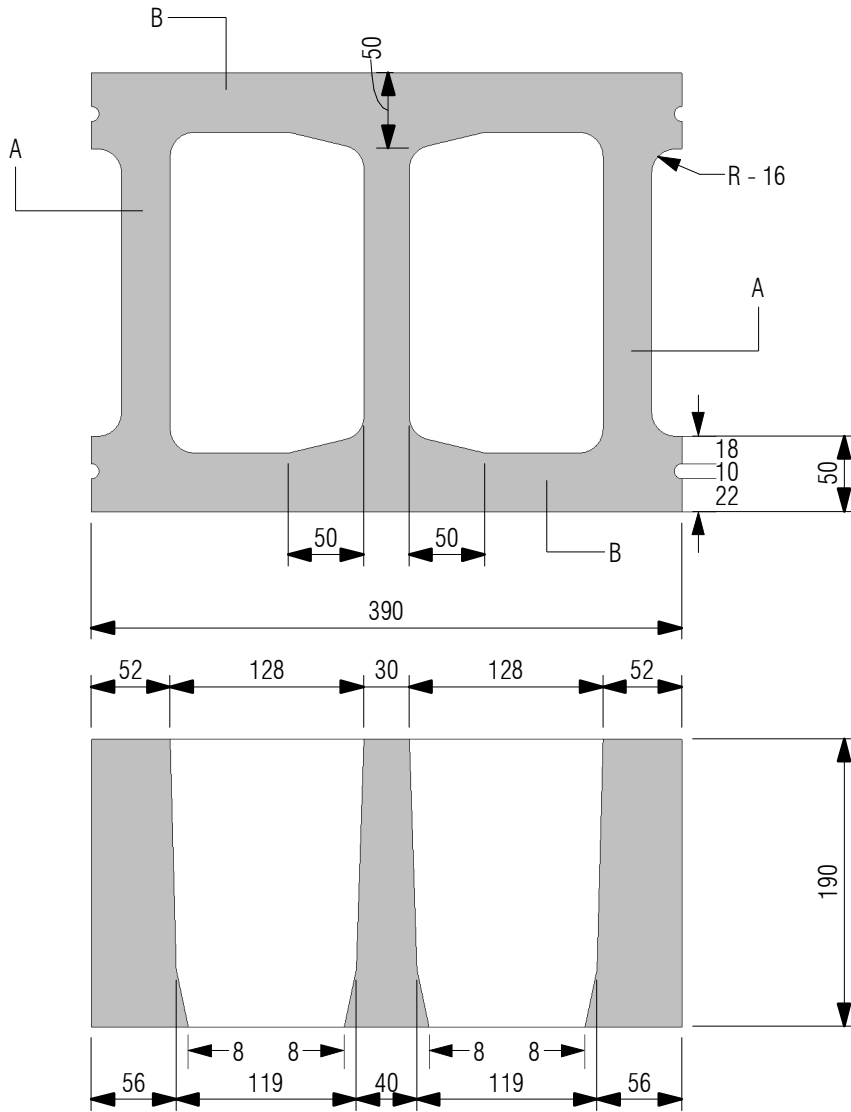
ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 290 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A, A, B, C, D, M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		35 28 145
AREA (mm ²)	GROSS AREA (mm ²) X 10 ⁴ NET AREA (mm ²) x 10 ⁴ CORE AREA (mm ²) x 10 ³		11.34 5.67 2.84
VOLUME (mm ³)	GROSS VOLUME (mm ³) x 10 ⁶ NET VOLUME (mm ³) x 10 ⁶ VOID VOLUME (mm ³) x 10 ⁶		21.488 10.744 10.744
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		50.0%
TYPICAL UNIT MASS (kg)	NORMAL WEIGHT LIGHT WEIGHT		26.2 21.8
TYPICAL UNIT MASS (kg/m ²) (with mortar)	NORMAL WEIGHT LIGHT WEIGHT		311 244
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT LIGHT WEIGHT		3.2 4+
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT LIGHT WEIGHT	11	53 50
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT LIGHT WEIGHT	12	0.24 0.28
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		334.9 x 10 ⁶ 858.8 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		2.791 x 10 ⁶ 7.156 x 10 ⁶

Important Classification Note

All Light Weight is classified as B,C,D

All Normal Weight is classified as A

30cm STANDARD



SECTION A-A

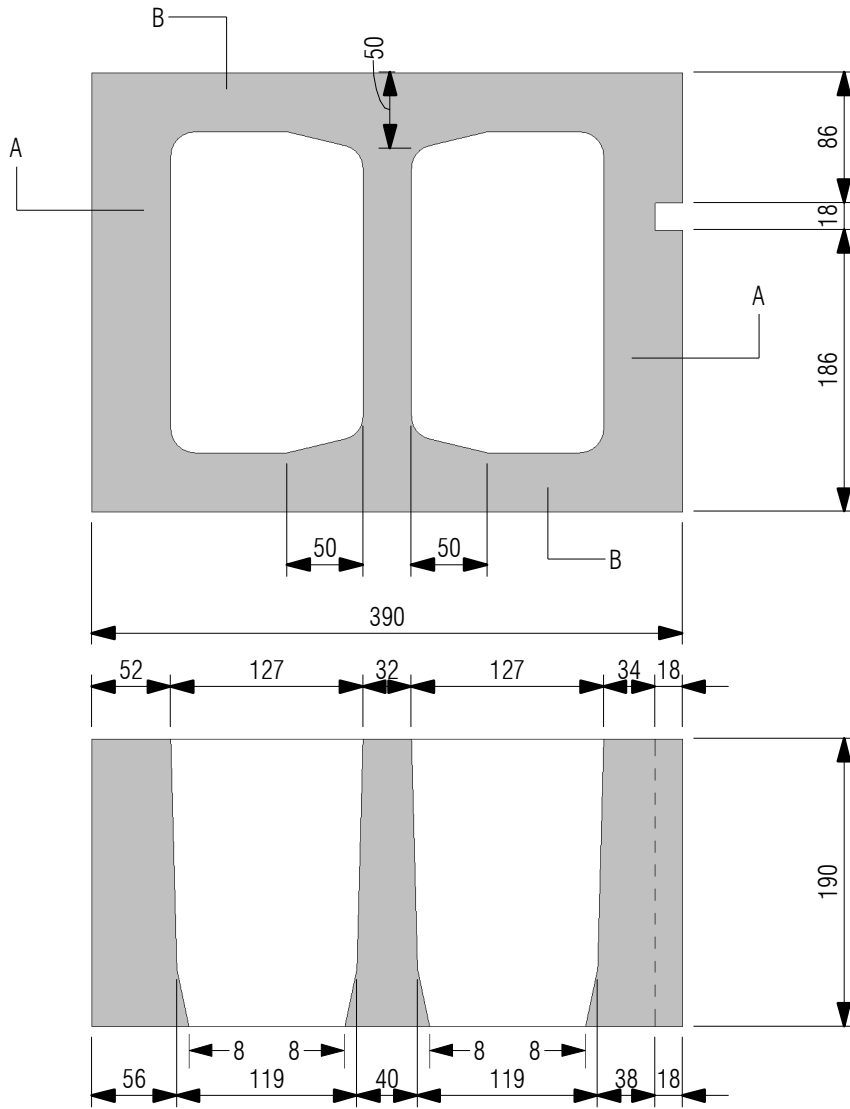
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	21.8 kg
NORMAL WEIGHT TYPE A	26.2 kg
PERCENT SOLID	50%
VOID VOLUME (mm ²) x 10 ⁶	10.744
NET AREA (mm ²) x 10 ⁴	5.67
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

30cm SQUARE END



SECTION A-A

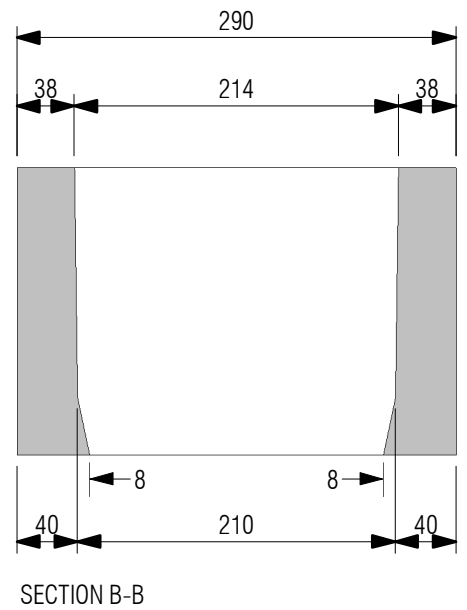
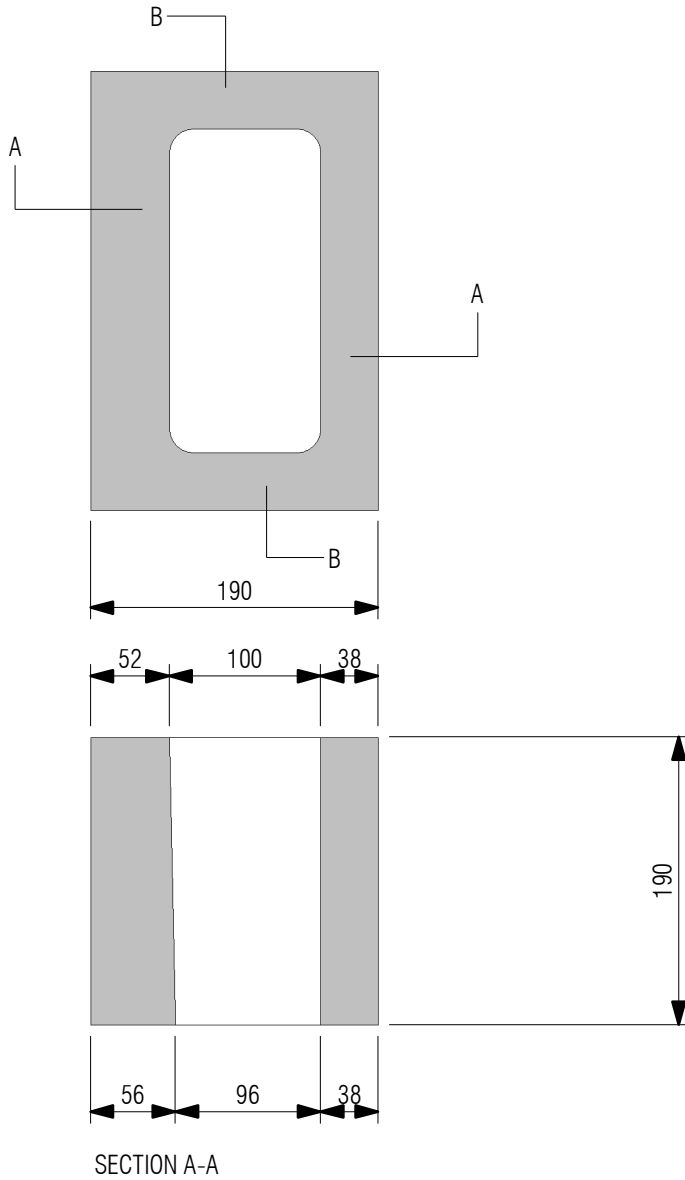
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	22.5 kg
NORMAL WEIGHT TYPE A	26.2 kg
PERCENT SOLID	50%
VOID VOLUME (mm ²) x 10 ⁶	9.26
NET AREA (mm ²) x 10 ⁴	5.37
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

30cm HALF

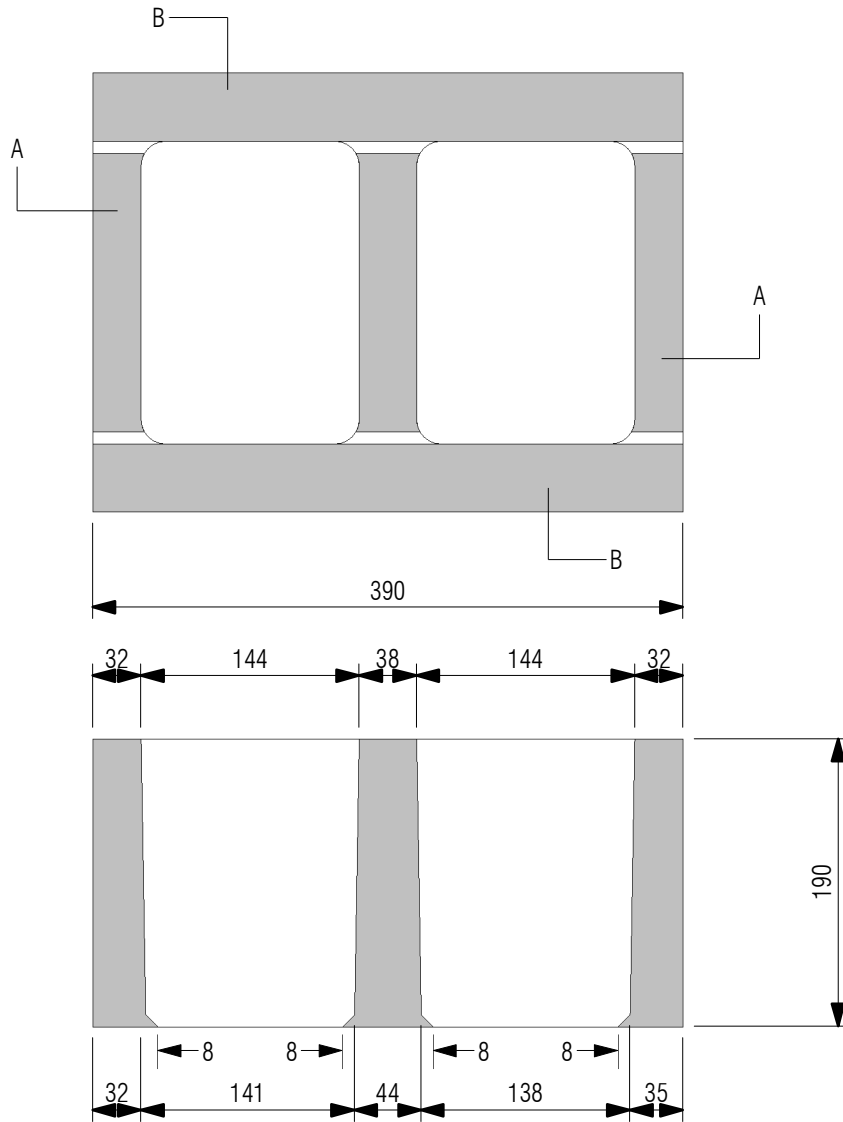


UNIT DATA	
LIGHT WEIGHT	12 kg
NORMAL WEIGHT TYPE A	15.6 kg
PERCENT SOLID	65%
VOID VOLUME (mm ²) x 10 ⁶	3.56
NET AREA (mm ²) x 10 ⁴	3.6
BLOCKS PER PALLET	

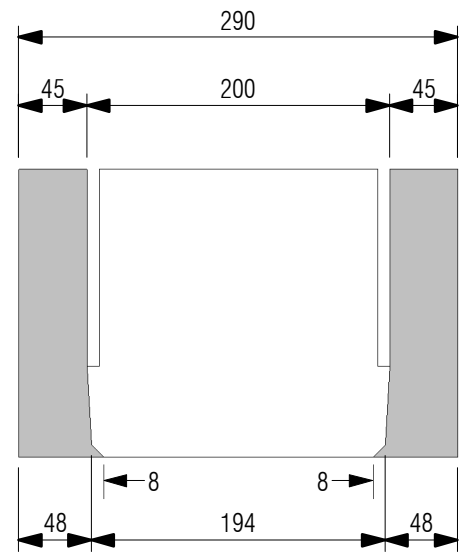
Important Classification Note

All **Light Weight** is classified as B,C,D
All **Normal Weight** is classified as A

30cm KNOCK OUT BOND BEAM



SECTION A-A



SECTION B-B

UNIT DATA	
LIGHT WEIGHT	22 kg
NORMAL WEIGHT TYPE A	26.2 kg
PERCENT SOLID	47%
VOID VOLUME (mm ²) x 10 ⁶	11.4
NET AREA (mm ²) x 10 ⁴	5.29
BLOCKS PER PALLET	

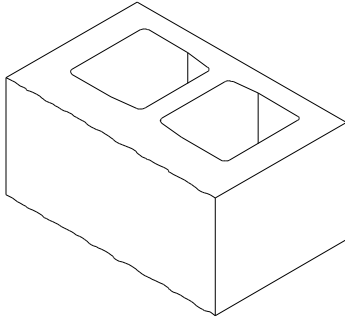
Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

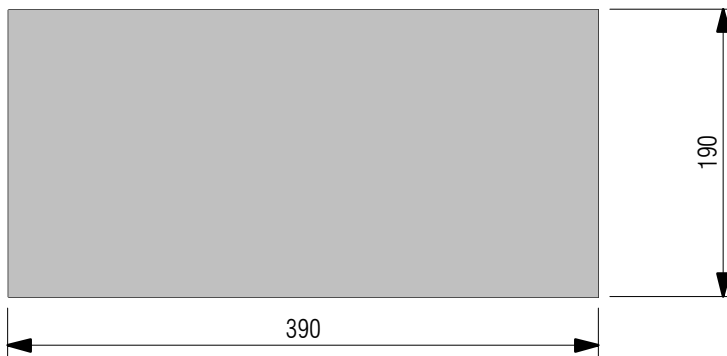
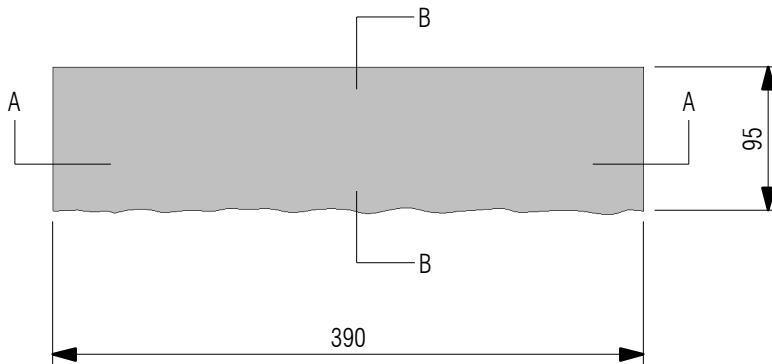
FULL SPLIT FACE

ARCHITECTURAL MASONRY UNITS



PRODUCT IMAGE

10cm FULL SPLIT FACE



SECTION A-A



SECTION B-B

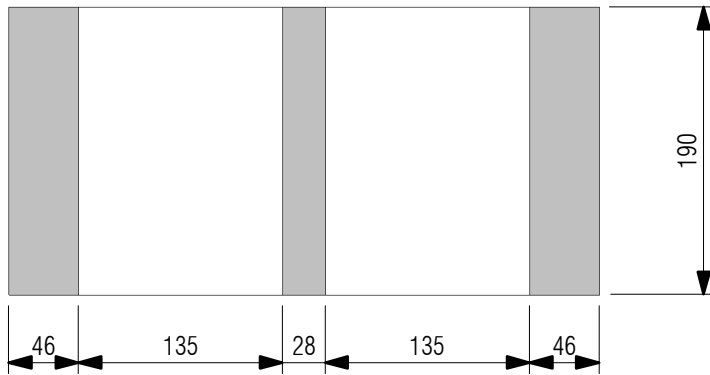
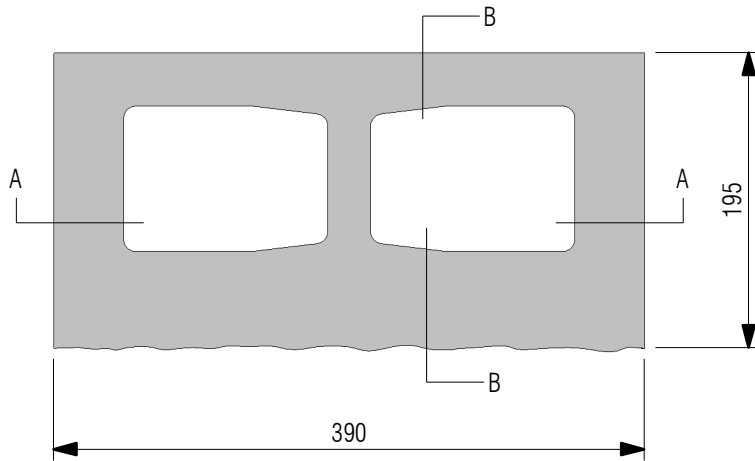
UNIT DATA	
LIGHT WEIGHT	15 kg
NORMAL WEIGHT TYPE A	11.7 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

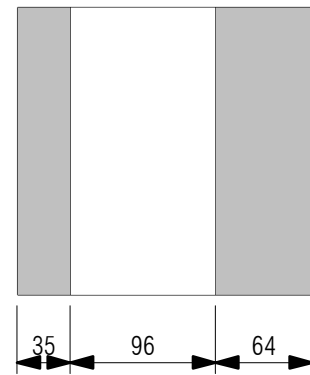
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm FULL SPLIT FACE



SECTION A-A



SECTION B-B

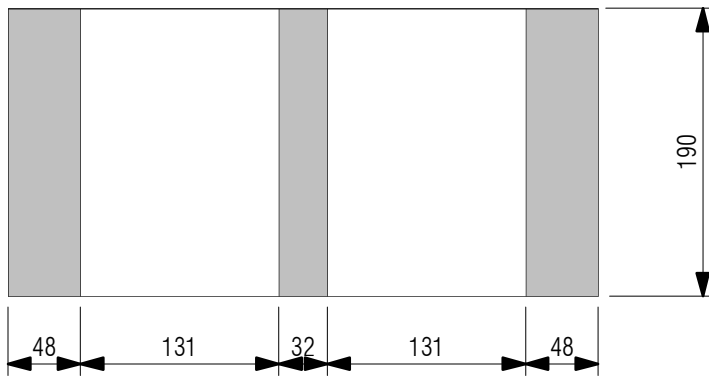
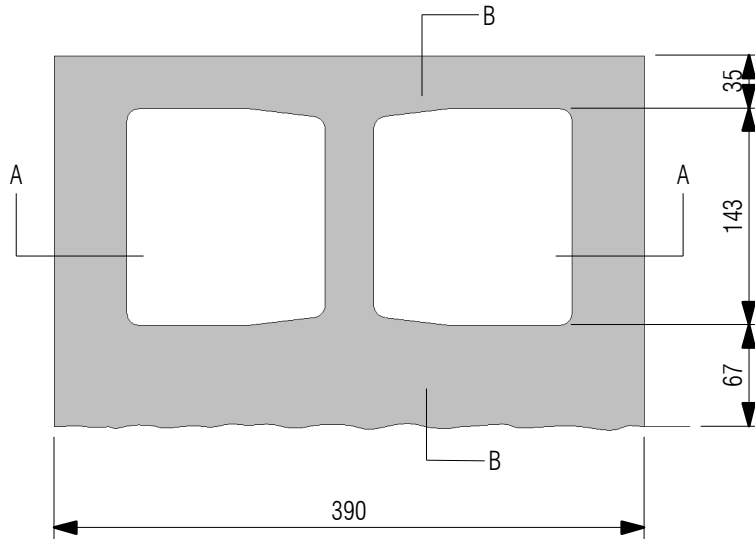
UNIT DATA	
LIGHT WEIGHT	16.3 kg
NORMAL WEIGHT TYPE A	21 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

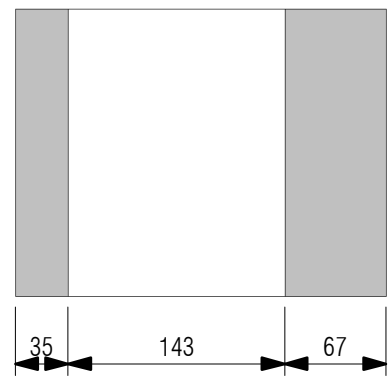
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

25cm FULL SPLIT FACE



SECTION A-A



SECTION B-B

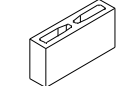
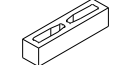

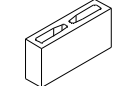
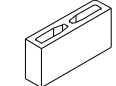
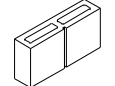
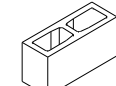
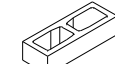

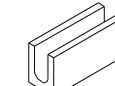
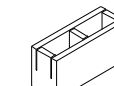
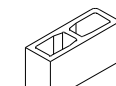
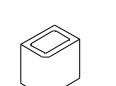
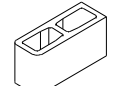
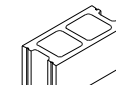


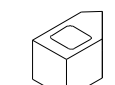
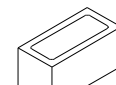
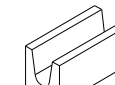
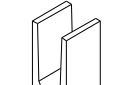
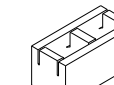
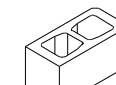

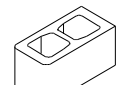
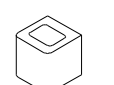
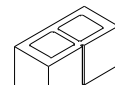
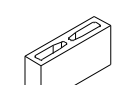
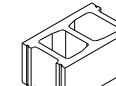


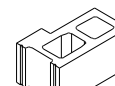
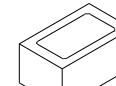
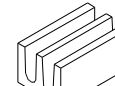
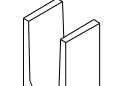
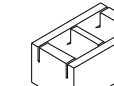
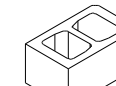
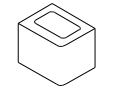
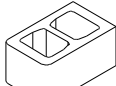
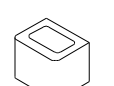
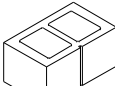
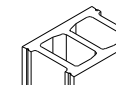

UNIT DATA	
LIGHT WEIGHT	21kg
NORMAL WEIGHT TYPE A	27.5 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

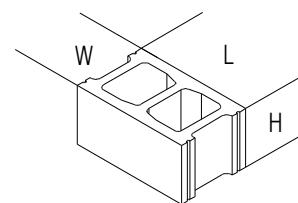
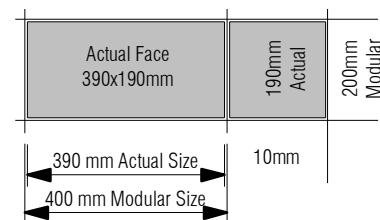
Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

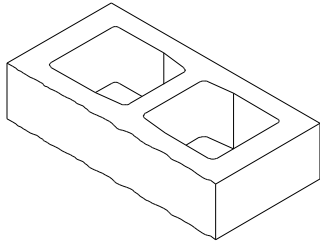
Cindercrete Standard Concrete Masonry Units Reference Chart

	STANDARD	HALF HIGH	HALF	CORNER	O-BLOCK	BOND BEAM LINTEL	HIGH LINTEL	KO BOND BEAM	SINGLE BULLNOSE	SINGLE BULLNOSE HALF	DOUBLE BULLNOSE	DOUBLE BULLNOSE HALF	SINGLE SCORE	SINGLE SCORE 2 SIDES
100mm	100mm Standard  90W 190H 390L	100mm Half High  90W 90H 390L	100mm Half  90W 190H 190L	100mm L-Corner Return  90/190W 190H 390L					100mm Single Bullnose  90W 190H 390L				100mm Single Score  90W 190H 390L	
150mm	150mm Standard  140W 190H 390L	150mm Half High  140W 90H 390L	150mm Half  140W 190H 190L			150mm Bond Beam Lintel  140W 190H 390L		150mm Knock Out Lintel  140W 190H 390L	150mm Single Bullnose  140W 190H 390L	150mm Single Bullnose Half  140W 190H 190L	150mm Double Bullnose  140W 190H 390L			
200mm	200mm Standard  190W 190H 390L	200mm Half High  190W 90H 390L	200mm Half Sash End  190W 190H 190L	200mm 45 Corner  190W 190H 337L	200mm O Block  190W 190H 390L	200mm Bond Beam Lintel  190W 190H 390L	200mm Full Beam Lintel  190W 390H 190L	200mm Knock Out Lintel  190W 190H 390L	200mm Single Bullnose  190W 190H 390L	200mm Single Bullnose Half  190W 190H 390L	200mm Double Bullnose  190W 190H 390L	200mm Double Bullnose Half  190W 190H 190L	200mm Single Score  190W 190H 390L	200mm Single Score 2 Sides  190W 190H 390L
250mm	250mm Standard  240W 190H 390L	250mm Half High  240W 90H 390L	250mm Half Sash End  240W 190H 190L	250mm L-Corner Return  240W 190H 337L	250mm O Block  240W 190H 390L	250mm Bond Beam Lintel  240W 190H 390L	250mm Full Beam Lintel  240W 390H 190L	250mm Knock Out Lintel  240W 190H 390L	250mm Single Bullnose  240W 190H 390L	250mm Single Bullnose Half  240W 190H 190L	250mm Double Bullnose  240W 190H 390L	250mm Double Bullnose Half  240W 190H 190L	250mm Single Score  240W 190H 390L	
300mm	300mm Standard & Corner No Sash  290W 190H 390L		300mm Half No Sash  290W 190H 190L											



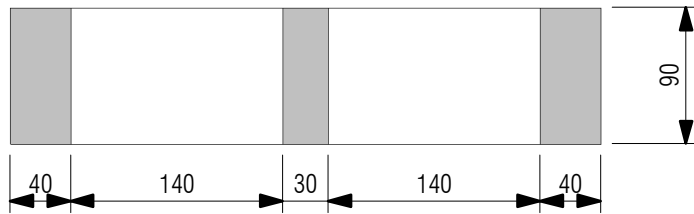
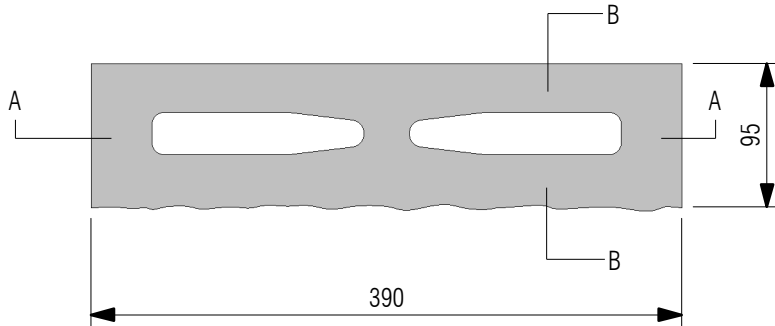
HALF HIGH SPLIT FACE

ARCHITECTURAL MASONRY UNITS

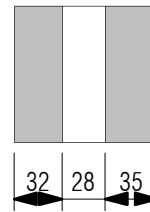


PRODUCT IMAGE

10cm HALF HIGH SPLIT FACE



SECTION A-A



SECTION B-B

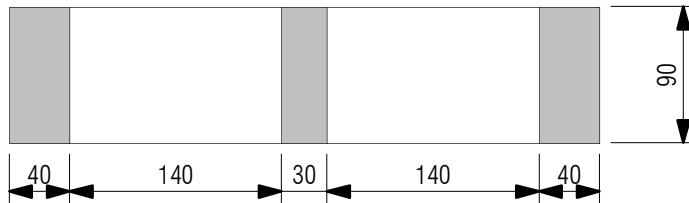
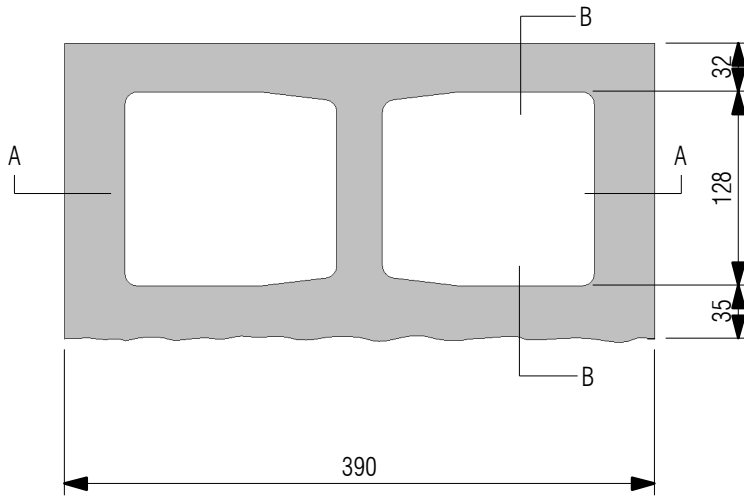
UNIT DATA	
LIGHT WEIGHT	5.9 kg
NORMAL WEIGHT TYPE A	7.4 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

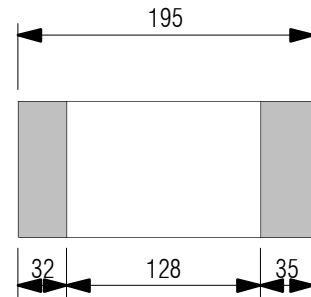
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm HALF HIGH SPLIT FACE



SECTION A-A



SECTION B-B

UNIT DATA	
LIGHT WEIGHT	6.73 kg
NORMAL WEIGHT TYPE A	7.7 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

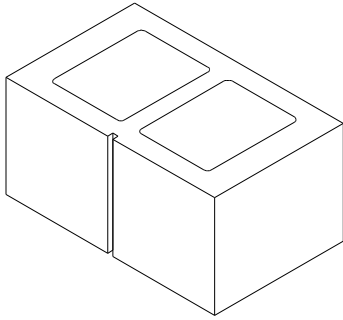
Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

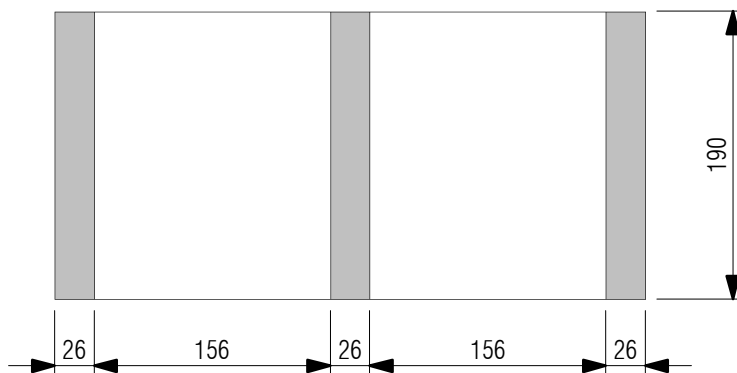
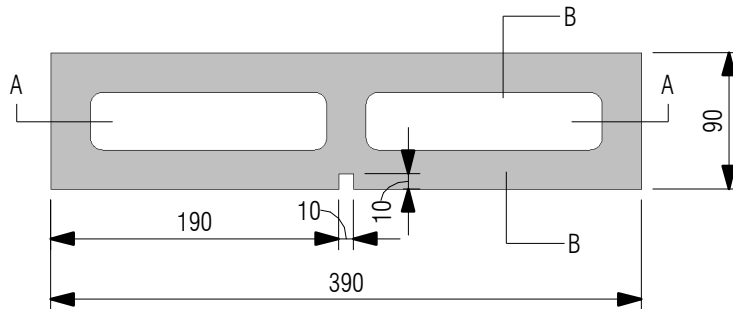
SINGLE SCORE

ARCHITECTURAL MASONRY UNITS

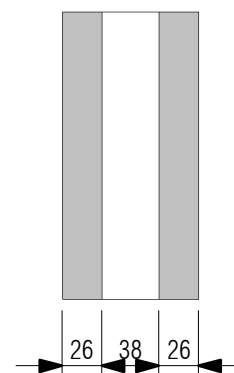


PRODUCT IMAGE

10cm SINGLE SCORE



SECTION A-A



SECTION B-B

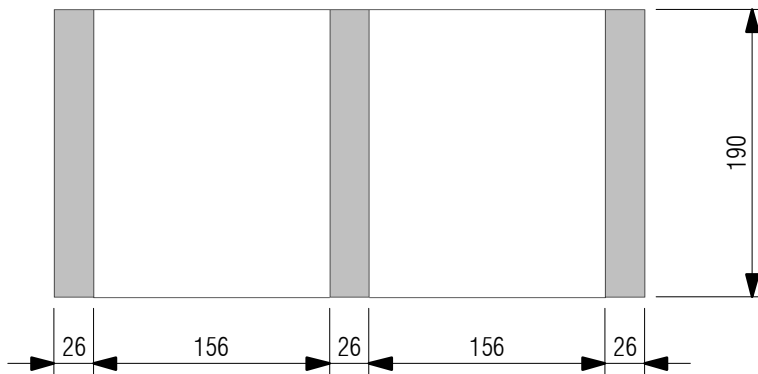
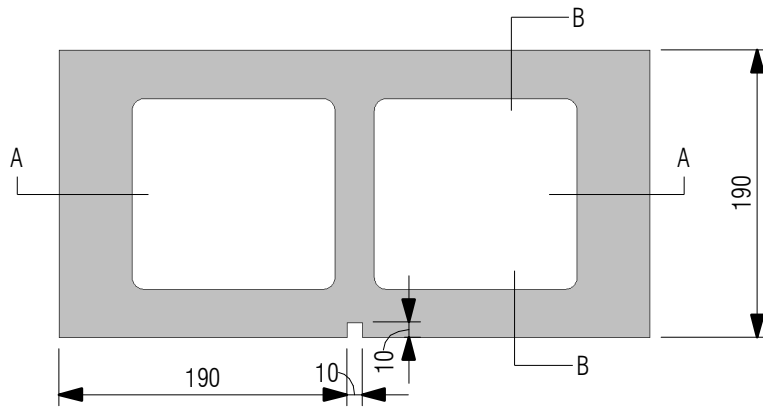
UNIT DATA	
LIGHT WEIGHT	8.6 kg
NORMAL WEIGHT	11.9 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

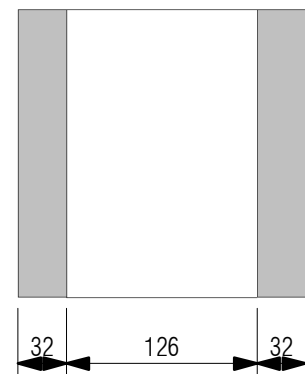
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm SINGLE SCORE



SECTION A-A



SECTION B-B

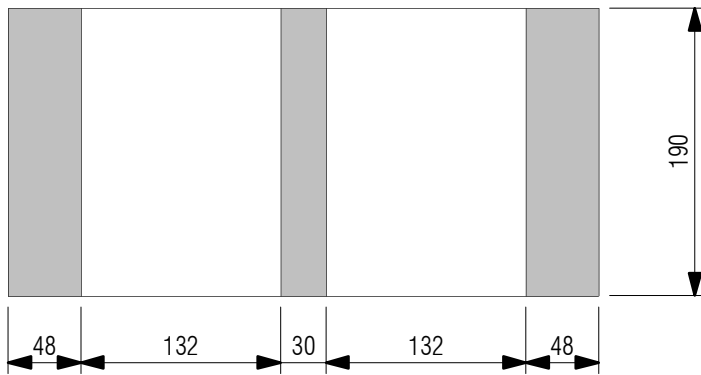
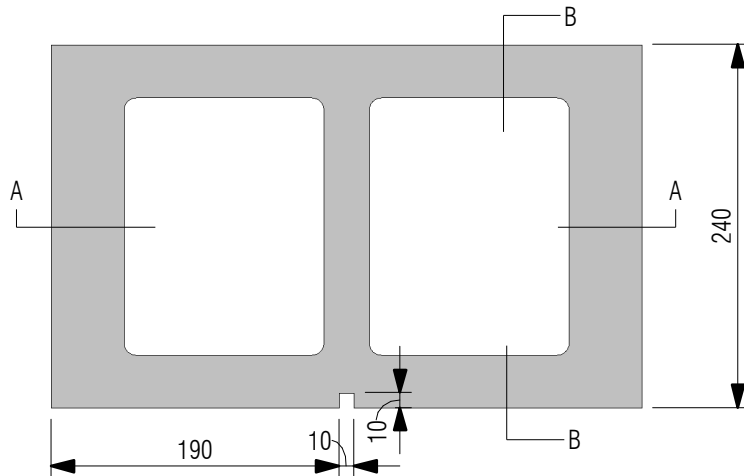
UNIT DATA	
LIGHT WEIGHT	13.6 kg
NORMAL WEIGHT	17.3 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

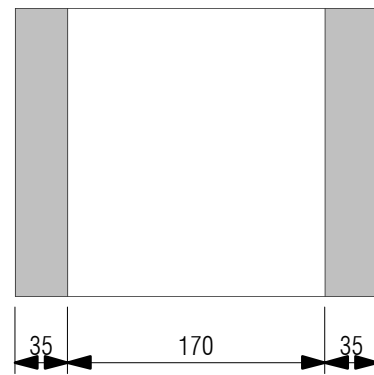
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

25cm SINGLE SCORE



SECTION A-A



SECTION B-B

UNIT DATA	
LIGHT WEIGHT	16.1 kg
NORMAL WEIGHT	21.6 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

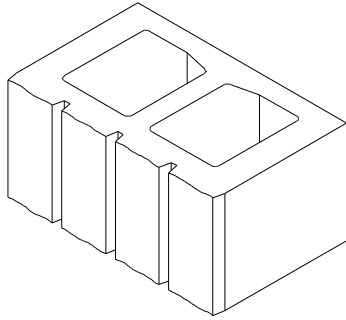
Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

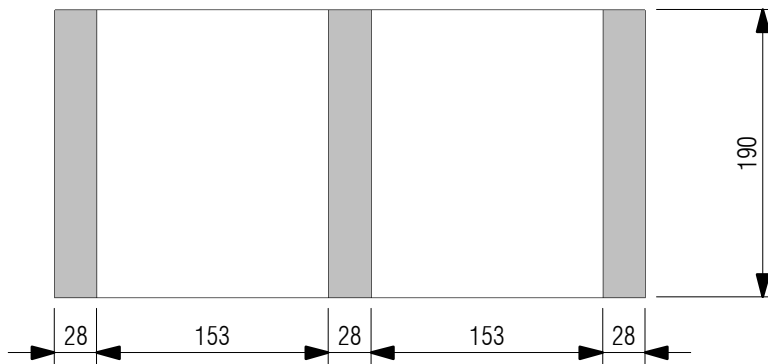
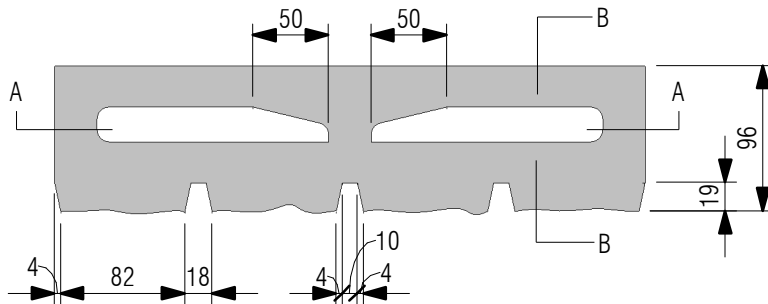
FOUR RIB SPLIT FACE

ARCHITECTURAL MASONRY UNITS

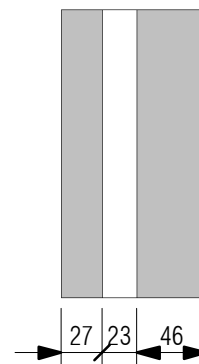


PRODUCT IMAGE

10cm FOUR RIB SPLIT FACE



SECTION A-A



SECTION B-B

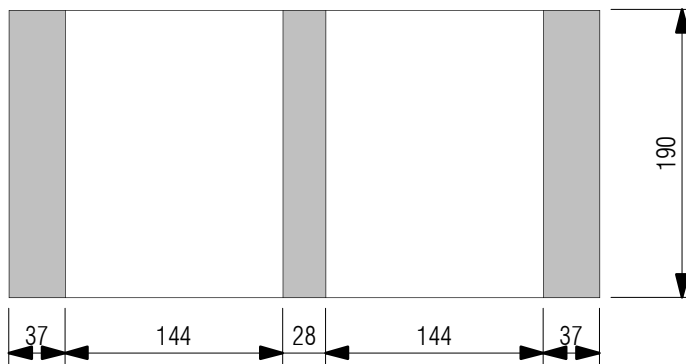
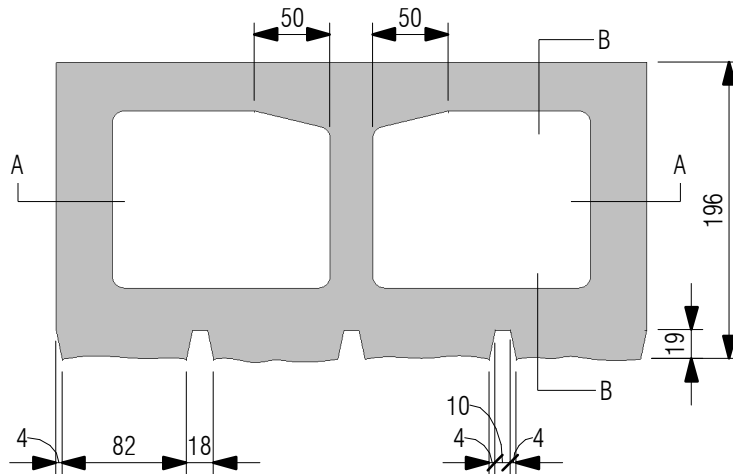
UNIT DATA	
LIGHT WEIGHT	10.4 kg
NORMAL WEIGHT TYPE A	15.9 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

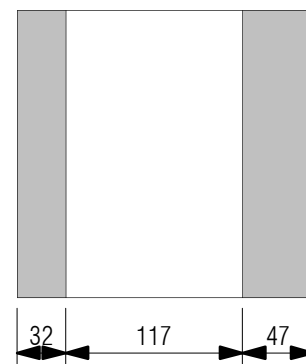
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

20cm FOUR RIB SPLIT FACE



SECTION A-A



SECTION B-B

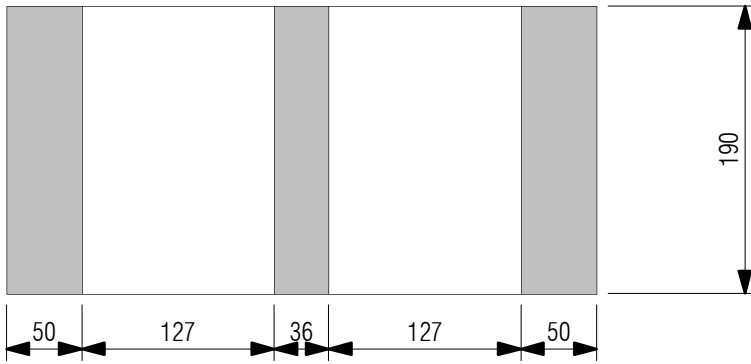
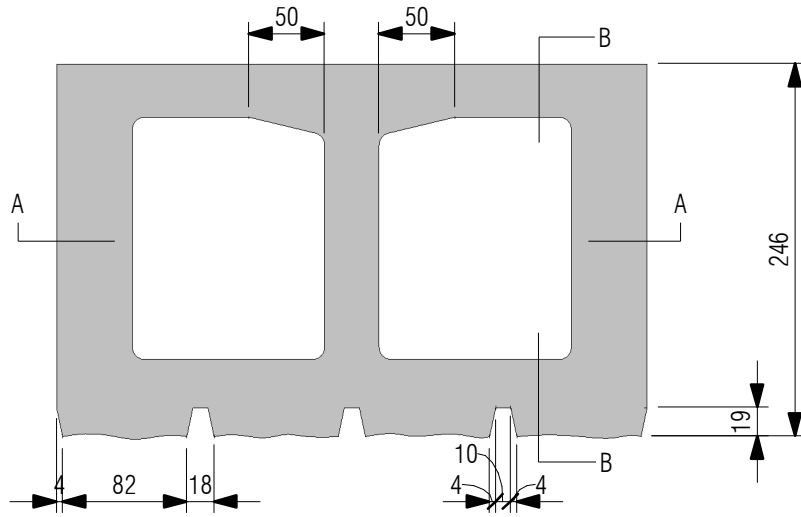
UNIT DATA	
LIGHT WEIGHT	18.3 kg
NORMAL WEIGHT TYPE A	20.1 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

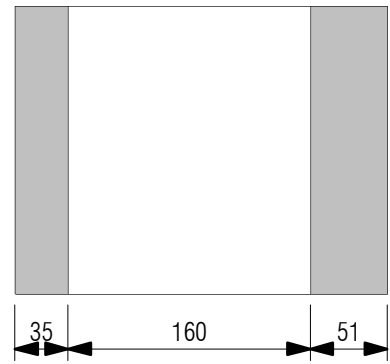
All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A

25cm FOUR RIB SPLIT FACE



SECTION A-A



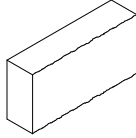
SECTION B-B

UNIT DATA	
LIGHT WEIGHT	21 kg
NORMAL WEIGHT TYPE A	24.9 kg
PERCENT SOLID	
VOID VOLUME (mm ²) x 10 ⁶	
NET AREA (mm ²) x 10 ⁴	
BLOCKS PER PALLET	

Important Classification Note

All **Light Weight** is classified as B,C,D

All **Normal Weight** is classified as A



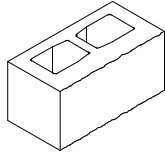
10cm FULL SPLIT FACE PHYSICAL PROPERTIES

ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 95 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A, A, B, C, D, M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		26 26 69
AREA (mm ²)	GROSS AREA (mm ²) X 10 ⁴ NET AREA (mm ²) x 10 ⁴ CORE AREA (mm ²) x 10 ³		3.53 2.71 4.11
VOLUME (mm ³)	GROSS VOLUME (mm ³) x 10 ⁶ NET VOLUME (mm ³) x 10 ⁶ VOID VOLUME (mm ³) x 10 ⁶		6.717 5.153 1.564
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		76
TYPICAL UNIT MASS (kg)	NORMAL WEIGHT LIGHT WEIGHT		11.75 10.2
TYPICAL UNIT MASS (kg/m ²) (with mortar)	NORMAL WEIGHT LIGHT WEIGHT		138 109
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT LIGHT WEIGHT		0.9 1.0
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT LIGHT WEIGHT	11	43 40
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT LIGHT WEIGHT	12	0.21
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		22.69 x 10 ⁶ 58.18 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		0.504 x 10 ⁴ 1.293 x 10 ⁶

Important Classification Note

All **Light Weight** is classified as **B,C,D**

All **Normal Weight** is classified as **A**



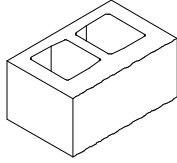
20cm FULL SPLIT FACE PHYSICAL PROPERTIES

ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 195 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	"FOUR FACE SYSTEM"	1	H/15/A,B,C,D/O,M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		32 26 106
AREA (mm ²)	GROSS AREA NET AREA CORE AREA		7.14 x 10 ⁴ 4.15 x 10 ⁴ 1.53 x 10 ⁴
VOLUME (mm ³)	GROSS VOLUME NET VOLUME VOID VOLUME		14.079 x 10 ⁶ 7.88 x 10 ⁶ 6.195 x 10 ⁶
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		56
TYPICAL UNIT MASS (kg)	CSA "A" - TYPE "A" CONCRETE CSA "B" - TYPE "B" CPNCRETE		16.5 13.8
TYPICAL UNIT MASS (kg/m ²) (with mortar)	CSA "A" - TYPE "A" CONCRETE CSA "B" - TYPE "B" CPNCRETE		186
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT (NBCC) LIGHT WEIGHT (NBCC)	10	2.1
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT (NBCC) LIGHT WEIGHT (NBCC)	11	45
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT (NBCC) LIGHT WEIGHT (NBCC)	12	0.25
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		194.2 x 10 ⁶ 498.0 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		2.045 x 10 ⁶ 5.242 x 10 ⁶

Important Classification Note

All Light Weight is classified as B,C,D

All Normal Weight is classified as A



25cm FULL SPLIT FACE PHYSICAL PROPERTIES

ACTUAL DIMENSIONS (mm)		SEE NOTE	STANDARD CONFIGURATION
WIDTH: 245 HEIGHT: 190 LENGTH: 390			
AVAILABLE TYPES	STANDARD METRIC CONFIGURATION		HOLLOW
CSA DESIGNATION	*FOUR FACE SYSTEM*	1	H/15/A, A, B, C, D, M
DIMENSIONS (mm)	MINIMUM FACE SHELL THICKNESS MINIMUM WEB THICKNESS EQUIVALENT THICKNESS		35 28 124
AREA (mm ²)	GROSS AREA (mm ²) x 10 ⁴ NET AREA (mm ²) x 10 ⁴ CORE AREA (mm ²) x 10 ³		9.39 4.86 2.26
VOLUME (mm ³)	GROSS VOLUME (mm ³) x 10 ⁶ NET VOLUME (mm ³) x 10 ⁶ VOID VOLUME (mm ³) x 10 ⁶		17.88 9.257 8.623
PERCENT SOLID (%)	NET VOLUME/GROSS VOLUME		51.8%
TYPICAL UNIT MASS (kg)	NORMAL WEIGHT LIGHT WEIGHT		21.4 14.7
TYPICAL UNIT MASS (kg/m ²) (with mortar)	NORMAL WEIGHT LIGHT WEIGHT		267 210
MINIMUM COMPRESSIVE STRENGTH (average of 3 units (Mpa))	BASED ON NET AREA	9	15.0
FIRE PROTECTION RATING (hours)	NORMAL WEIGHT LIGHT WEIGHT		2.6 3.1
SOUND PROPERTIES Sound Transmission Class (STC)	NORMAL WEIGHT LIGHT WEIGHT	11	51 49
THERMAL PROPERTIES RSI Factors (m ² degC/W)	NORMAL WEIGHT LIGHT WEIGHT	12	0.24 0.28
MOMENT OF INERTIA (mm ⁴)	PER BLOCK I PER METRE Im		334.9 x 10 ⁶ 858.8 x 10 ⁶
SECTION MODULUS (mm ³)	PER BLOCK S PER BLOCK Sm		2.791 x 10 ⁶ 7.156 x 10 ⁶

Important Classification Note

All Light Weight is classified as B,C,D

All Normal Weight is classified as A

SPLIT FACE ARCHITECTURAL MASONRY UNITS



TAN/BROWN



MIDNIGHT CHARCOAL



TAN/CHARCOAL



SAVANNAH



TILE RED



DESERT TAN

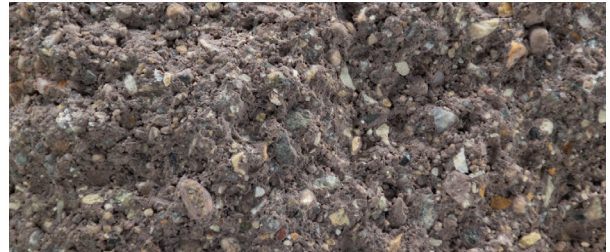


PRARIE STONE

SPLIT FACE ARCHITECTURAL MASONRY UNITS



STEEL GREY



CHOCOLATE BROWN



EGGSHELL

RED/CHARCOAL



GREY/CHARCOAL

LIGHT TAN

Cindercrete Architectural Concrete Masonry Units Reference Chart

100mm										150mm	200mm						250mm		
100mm Full Split Face	100mm Full Split L-Corner	100mm Split Ledge	100mm Split Ledge Corner	100mm Full Split Half Height	100mm Full Split Half	100mm Smooth Face	100mm Smooth Face Half High	100mm Smooth Face Full Split Half	100mm Smooth Face Single Score	100mm Smooth Face L-Corner	150mm Sill Block	200mm Sill Block	200mm Full Split Face	200mm Full Split Half High	200mm Split Face Half	200mm Smooth Face	200mm Smooth Face Half	250mm Full Split Face	250mm Smooth Face
96W 190H 390L	96W 190H 390L	96W 190H 390L	96W 190H 295L	96W 90H 390L	90W 90H 190L	90W 190H 390L	90W 90H 390L	90W 90H 190L	90W 190H 390L	90W 190H 390L	140W 190H 190L	190W 390H 190L	196W 190H 190L	196W 90H 390L	190W 190H 390L	190W 190H 390L	190W 190H 390L	246W 190H 390L	240W 190H 390L

