

**Material Classification** 

NORMAL (Heavy) WEIGHT

Class "A"



Date:						-	
То:			Project Name:	<u></u>			
						<del></del>	
		Subject:	Leed Accreditation Inform	nation			
	t Name:		Masonry Unit				
Descrip	otion: pecification:	•	leavy) Weight 4 (H/SS/FS)/15/A/M				
	pecițication.		+ (11/00/10/10/14/W				
Materials &		0	D 15	4 David	ا محما		119
Credit 4	Recycled		Bonding of total materials	1 Porti			1.79
	(% Post-C		· 1/2 Pre-Consumer)	2 001	•		1.1 /
Cement Re	•		<u>.0 - 1.7)</u> = 15.5%	Cem			Factor
		11	.0		15.5%	6 x 2 =	31.0%
			Aggregate	1 Lime	stone		0%
			f total materials	2 Scre		s A	09
		(po	st industrial)	3 Scre		вВ	09
				4 San	d		09
		Othor		Tota	l Recy	cled	31.0%
		Other					N//
Credit 5	Regional	Materials.					
		-	Origin	Di: Truc		to end hip	use
Manufactured	d .		McGregor Ont.			•	km.
Material	Bonding	1	St. Marys Ont.		243	-	km.
Extraction		2	N/A				km.
,	Aggregate	1	Drummond Island Mi.		17	476	km.
55 5		Cedarville Mackinaw Mi.		17		km.	
		•	Marblehead Oh.		17	153	km.
		. 4	Leamington Ont		38	_	km

7885 Howard Ave., McGregor, ON, Canada N0R 1J0 Phone 519-726-5444 Toll Free 1-800-771-0658 Fax 519-726-5671 5115 Rhodes Dr. Windsor, ON, Canada N8N 2M1 Phone 519-944-7737 Toll Free 1-888-369-3449 Fax 519-944-0314

- Durability Even under severe use, concrete masnry units will remain pristine in both appearance and function. This translates to a near zero maintenance cost in the future.
- Recyclable Concrete Masonry Units are 100% recyclable at the end of their intended use as they may be then used in supplement to many other manufactured concrete products.

- Thermal Retention Manufactured concrete units possess the ablility to store heat or cold according to its environment there by reducing both heating and cooling energy usage and cost.
- Sound Transmission On average a 50db\* sound transmission loss is realized by use of even a single wythe wall application and thus significantly improving the work environment by suppressing un-wanted sound emissions.
  - \*Based on results provided by the National Research Council of Canada (NRC), Sound Transmission Loss of Masonry Walls.
- Mold Growth Concrete Masonry Units by nature of the materials used, mold has no opportunity to feed mold spores which provide for a much healthier environment.
- Fire Resistance Concrete Masonry Units have long been recognized as the premier product in terms of fire resistance materials. A single wythe wall assembly will provide a full fire stop (not just a partition) for 4.0+ hours dependent on size. This attribute translates into a safer environment.

Dennis	Sauve	CCMTT	



**Material Classification** 

**MEDIUM WEIGHT** 

Class "B"



Date:		·
To:	Project Name	:
	Subject: Leed Accreditation Info	rmation
Product Name: Description: CSA Specification	Concrete Masonry Unit Medium Weight on: A165.1-04 (H/SS/FS)/15/B/M	
Materials & Resource	S	
	ed Content Bonding 11% of total materials et-Consumer + 1/2 Pre-Consumer)	1 Portland 11% 2 SCM 1.7%
Cement Reduction =	<u>11.0 - (11.0 - 1.7)</u> = 15.5% 11.0	Cement Reduction Factor 15.5% x 2 = 31.0%
	Aggregate 89% of total materials (post industrial)	1 Screenings B 0% 2 3 4
	Other	Total Recycled 31.0% N/A
Credit 5 Region	al Materials	
Manufactured	Origin  McGregor Ont.	Distance to end use Truck ShipN/A km.
Material Bondin Extraction	g 1 St. Marys Ont. 2 N/A	243 - km. km.
Aggregate	1 Marblehead Oh. 2 3 4	17 153 km. km. km. km.

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- Thermal Retention Manufactured concrete units possess the ability to store heat or cold according to its environment there by reducing both heating and cooling energy usage and cost.
- Sound Transmission On average a 50db\* sound transmission loss is realized by use of even a single wythe wall application and thus significantly improving the work environment by suppressing un-wanted sound emissions.
  - \*Based on results provided by the National Research Council of Canada (NRC), Sound Transmission Loss of Masonry Walls.
- Mold Growth Concrete Masonry Units by nature of the materials used, mold has no opportunity to feed mold spores which provide for a much healthier environment.
- Fire Resistance Concrete Masonry Units have long been recognized as the premier product in terms of fire resistance materials. A single wythe wall assembly will provide a full fire stop (not just a partition) for 4.0+ hours dependent on size. This attribute translates into a safer environment.

Dennis	Sauve	CCMTT



**Material Classification** 

**LIGHTWEIGHT** 

Class "C"



J	•			
Date:				
To:		Project Name:		
	<u> </u>			
	Subje	ct: Leed Accreditation Inforr	mation .	
		ete Masonry Unit		
Description	•	veight 1-04 (H/SS/FS)/15/C/M		
COA Opeci	ncation. A105.	1-04 (11/33/1-3)/13/C/M	·	
Materials & Reso		1. 5. 84 No. 36. 3	Property of the second	
Credit 4 R	ecycled Conten	t Bonding I% of total materials	1 Portland	11% 1.7%
(%		er + 1/2 Pre-Consumer) .		· ·
		(11.0 - 1.7) = 15.5%	Cement Reduction	Factor
		11.0	15.5% x 2 =	31.0%
		Aggregate	1 Limestone	
		% of total materials	2 Screenings B	
		(post industrial)	3 Expanded Slag 4 Sand	· :50% 0%
				·
	Other	•	Total Recycled	
	Otrier	· · · · · · · · · · · · · · · · · · ·		11//
Credit 5 R	egional Materia	ls		
		Origin	Distance to end u	ise
Manufactured		MaCrosor Ont	Truck Ship	lama.
Manufactured		McGregor Ont.	N/A	km: / Jef
Material Bo	onding	1 St. Marys Ont.	243	km.
Extraction	-	2 N/A :		km.
Aggr	egate	1 Drummond Island Mi.	17 476	km
<b>33</b> ·	<b></b>	2 Marblehead Oh.	17 153	
		3 Hamilton Ont.		km.
		4 Leamington Ont.	38 -	km.

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Dennis	Sauve	CCMTT



**Material Classification** 

**ULTRA LIGHTWEIGHT** 

Class "D"



Date:	<del></del>		
To:		During A Name	
		Subject: <u>Leed Accreditation Infor</u>	rmation
Descri	ct Name: ption: pecification:	Concrete Masonry Unit Ultra Lightweight A165.1-04 (H/SS/FS)/15/D/M	· ·
Materials &	Resources		
Credit 4	Recycled (% Post-C	<u>Content</u> Bonding 11% of total materials Consumer + 1/2 Pre-Consumer)	1 Portland 11% 2 SCM 1.7%
Cement Reduction = 11.0 - (1		<u>11.0 - (11.0 - 1.7)</u> = 15.5% 11.0	Cement Reduction Factor 15.5% x 2 = 31.0%
		Aggregate 89% of total materials (post industrial)	1 Expanded Slag 90% 2 Screening B 0% 3
		Other	Total Recycled 121.0%
Credit 5	Regional I	Materials	
		Origin	Distance to end use Truck Ship
Manufactured		McGregor Ont.	N/A km.
Material Extraction	Bonding	1 St. Marys Ont. 2 N/A	243 - km. km.
,	Aggregate	1 Expanded Slag 2 3 4	304 - km. km. km. km.

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