



# VJRICE

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## CONCRETE MASONRY UNITS SPECIFICATIONS – CAN3 – A165

Facet	Symbol	Property			
<b>First</b>		<b>Solid Content</b>			
	H*	Hollow			
	SS	Semi-Solid (as defined)			
	SF	Full Solid (as defined)			
<b>Second</b>		<b>Minimum specified compressive strength calculated on average net cross-sectional area of the unit, MPa</b>			
		10			
	*	15			
		20			
		30			
<b>Third</b>		<b>Concrete Type</b>	<b>Absorption (maximum), kg/m<sup>3</sup></b>		
		<b>Density, kg/m<sup>3</sup></b>			
	*	A	Over 2000	175	
		B	1800 – 2000	200	
		C	1700 – 1800	225	
		D	Less than 1700	300	
	N	No limits	No limits		
<b>Fourth</b>		<b>Maximum moisture content, % of total absorption (average of 5 specimens)</b>	<b>Moisture content</b>		
			<b>RH Over</b>	<b>RH Under</b>	
		Linear shrinkage, %	75%	75%	
	*	M	Less than 0.03	45	40
			0.03 – 0.045	40	35
			Over 0.045	35	30
		O	No limits	No limits	

\* Denotes most commonly used.

The use of the four facet system classifies concrete block by their physical properties as specified under CAN3-A165.

First Facet – H defines Hollow Block (50% solid); SS defines Semi Solid Block (75% solid); FS defines Solid Block (100% solid)

Second Facet – Defines compressive strength

Third Facet – Defines density and water absorption

Fourth Facet – Defines moisture content