

SUPERWALLTM **SERIES**

THERE'S STRENGTH IN NUMBERS.

The superior strength of the SUPERWALL concrete series provides foundation solutions for long term durability for all soil conditions.

The SUPERWALL concrete series is part of the PERFORMX® series of mixes Inland Concrete Limited has developed for residential walls, grade beams and footings in compliance with CSA requirements. The five SUPERWALL concrete mix designs vary in strength to suit all residential soil conditions.



PERFORMANCE CHARACTERISTICS

Extremely Convenient

- Simplifies ordering

Superior Strength

- Improved long term strength gain
- Designed in various strengths to meet current CSA requirements
- Increased water tightness

Highly Economical

- Competitively priced mixes that meet CSA A23.1-04 Table 2 & 3 requirements
- Time savings as a result of standard stripping times, pumpability and timely backfills
- Ideal for ICF systems

Increased Flowability

- Improved workability due to enhanced mix designs
- Excellent pumping characteristics
- Ease of placement

Environmentally Friendly

- Mix designs developed to be "green"



**THERE'S STRENGTH
IN NUMBERS.**



Product Specifications

Inland Concrete Limited has developed the SUPERWALL concrete series in compliance with the CSA A23.1-04 Table 2 & 3 specifications for instances where the concrete may be subjected to sulphate attack. The following table summarizes CSA Tables 2 & 3 (with additional information for areas where sulphate concentrations are considered negligible) and provides a quick reference for the applicable SUPERWALL concrete mix.

Class of Sulphate Exposure	Degree of Exposure	Minimum Specified 56 day Compressive Strength (MPa)	Maximum Water/Cementing Materials Ratio	Air Content	Cement Type	SUPERWALL Concrete Mix
S-1	Very Severe	35	.40	Air Category 2	HS/HSb	SUPERWALL 7000
S-2	Severe	32	.45	Air Category 2	HS/HSb	SUPERWALL 6000
S-3	Moderate	30	.50	Air Category 2	HS/HSb	SUPERWALL 5000
Not specified	Not specified	27.5*	Not specified	Air Category 2	GU/GUb	SUPERWALL 4000
Not specified	Not specified	25*	Not specified	Air Category 2	GU/GUb	SUPERWALL 3500
Not specified	Not specified	20*	Not specified	Air Category 2	GU/GUb	SUPERWALL 3000

*Strength designated in 28 days

The SUPERWALL concrete series 5000-7000 complies with the CSA Specification A23.1-04 Table 2, Class F-2 for concrete subjected to freeze/thaw conditions.

Inland Concrete Limited provides a SUPERWALL 3000, 3500 and 4000 with 28-day compressive strengths of 20 MPa, 25 MPa and 27.5 MPa respectively, for areas where the sulphate concentrations are considered negligible. These mixes are for use at the discretion of the homebuilder.

Inland recommends seeking advice from a consulting engineer to ensure that the appropriate product is purchased for each location and application.



Inland Concrete Limited
www.inlandcanada.com