

WE MAKE GREAT IMPRESSIONS



This driveway has been created with IMPRESSED CONCRETE.
It is designed to be durable and last a lifetime.





Courtesy of Five Star Construction



Courtesy of Imprescon



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IMPRESSED CONCRETE GUIDELINES

CONCRETE PLACEMENT

Concrete

1. For exterior application concrete shall conform to C.S.A. A23.1 – M94 for class C-2 exposure (Table 8, page 47).
 - Minimum 28 day compressive strength – 32 MPa
 - Maximum water/cement materials ratio – 0.45
 - Air content category – 7-10% for 10mm Coarse Aggregate, or 6-8% for 20mm Coarse Aggregate
2. Slump shall not exceed 100mm.

Colour

1. Trial batch for colour match if possible. Colour can be integral or top shake. Consult your Architect and quality contractor.

Testing

1. All concrete shall be tested in accordance with C.S.A. A23.2 – M94.
2. Air test shall be done **after** colour has been introduced and immediately prior to placing concrete.

Release Agent

1. The surface release agent shall be:
 - A – Dry powder surface release agent in accordance with manufacturers' specifications,
 - or
 - B – Liquid surface release agent (evaporating non-staining type).



Placing and Finishing

1. Slump shall not be in excess of 100mm.
2. Air test to be made immediately prior to placing.
3. Take proper concreting precautions such as soaking the subgrade and the prevention of premature surface drying resulting in **Plastic Shrinkage Cracking**. Follow proper procedures for forms, screeding, bull floating, edging, etc.
4. **No steel trowels, steel floats or power trowels are to be used on exterior concrete as they may lead to dusting or scaling of the surface.**

Jointing

1. All concrete shall have Control Joints sawn in **4 to 12** hours after placement.
2. Control Joints shall be **1/4** of the slab depth (**minimum**) and no more than **3** metres apart in each direction.

Curing

1. Concrete shall be cured for durability a **minimum of 7** days.
2. Curing is usually achieved by one or more of the following:
 - A) ponding or continuous sprinkling (do not leave hose on concrete surface)
 - B) membrane type – spray or roll-on
 - C) vapour mist bath
3. Curing is very important for durable concrete.

Sealing

1. If a sealer is requested, consult the sealer manufacturer for recommendations.

Impression (specify name of impression)

1. The style shall be _____ or approved equal.

NOTE: This information is designed to be used as a guideline only.

FOR FURTHER INFORMATION CONTACT:
Ready Mixed Concrete Association of Ontario
365 Brunel Road
Unit #3
Mississauga, Ontario L4Z 1Z5
(905) 507-1122



RMCAO

Cover

General Contractor – Nicholson Construction, Stratford
Impressed Contractor – Classic Patterned Concrete, St. Thomas
Concrete – Huron Concrete Supply Ltd., Stratford