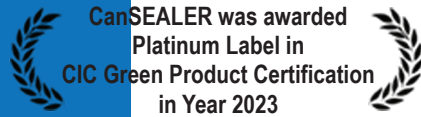


CanCEMENT

CS3-CMIX



CIC GREEN
PRODUCT CERTIFICATION
CICGPC-L-22400(P&C)



CanCEMENT

Manufacturer & Sole Agent
CanShield Nano-Technologies Inc. (Canada)
CanShield Nano-Technologies Ltd. (Hong Kong)
Web: canashield.com

Authorized Applicators
GreenWalls Bioengineering (HK) Ltd.
Web: greenwalls.com.hk
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Sanfield Industries Ltd. (Bridge & Highway)
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Application Guideline



Remarks: Most waterproofing admixtures are cementitious materials in powder form, with or without liquid agents. These typically allow for

- 1-Dry batch operation,
- 2-Central mix operation or
- 3-On site operation.

However, for CanCEMENT Cmix, only On-site operation is applicable. This ensures optimal performance and allows for precise control over the mixing process directly at the construction site.

CanCEMENT CMix is a liquid admixture designed for direct addition at the job site. Follow these steps for optimal results:

1. **Add Cmix:** Manually add CanCEMENT Cmix directly into the ready-mix concrete in the mixer.
2. **Mix Thoroughly:** Mix at high speed for 5 minutes to ensure even distribution throughout the concrete before pouring.
3. **Adjust Slump:** If the slump is lower than required, add a water reducer or plasticizer to achieve the desired slump.

For special situations, such as using ice in hot ambient conditions or cold-weather concreting, further guidelines are available. Please consult with your local CanCEMENT representative for more detailed information.

Setting Time and Strength

The setting time of concrete is affected by several factors, including the chemical and physical composition of its ingredients, ambient temperature, and climatic conditions. CanCEMENT Cmix is specifically designed to achieve a normal or mildly delayed setting time, depending on the concrete mix design and dosage rate used in different projects. Under typical conditions, Cmix will provide a normal setting time, but it is important to conduct trial mixes under project-specific conditions to accurately determine the setting time and strength of the concrete.

Technical Data



Color:	Transparent
Appearance:	Liquid Form
Density:	1.03
pH (Mixed with water):	8
Hydrostatic resistance:	18 bar
Dosage:	2.4 litre/m ³ of concrete
Crack self-sealing	0.5 mm

Cautions and Safety Guidelines



1. Temperature Limitations: Do not apply CanCEMENT Cmix at temperatures below 5°C or above 40°C.
2. Storage Conditions: Store the product in a sheltered place under dry conditions to maintain its effectiveness.
3. Avoid Premature Reaction: Keep CanCEMENT Cmix away from cement powder to prevent premature reactions.
4. Handling Precautions: In case of accidental eye or skin contact, wash the affected area immediately with water. Seek medical attention if necessary.
5. Safety Measures: Use appropriate safety precautions when handling or applying the product to ensure safe usage.
6. Application Variability: The method and quantity of application may vary depending on specific project conditions. Consult with an authorized applicator for tailored advice.

Package

CanCEMENT Cmix is supplied in **18-liter pails**, making it convenient for on-site application.

