

# PRO Tek Concrete

Proven technology that exceeds expectations. The formulation found in **PRO Tek Concrete** has been in use for over 108 years, solving numerous issues related to aging concrete in harsh environments. Chemical attack, abrasion, and water create the problem, **PRO Tek Concrete** solves it!

## Benefits

- Significantly reduces effects of acid and chloride attack
- Stops water permeation from either the negative or positive side of the structure
- Stops damaging effects of hydrostatic pressure
- Reduces effects from freeze-thaw
- Stops SAR
- Hardens concrete
- Requires a one-time application
- Is simple to apply
- Extends the lifespan of coatings
- Is environmentally safe
- Significantly slows mold and algae growth
- Stops efflorescence

Significantly increase the life span of your concrete while overall reducing CO2 emissions. **PRO Tek Concrete** is a post-applied concrete fortifier that saturates the internal matrix of concrete and most natural stone.

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Product</b>	PRO Tek Concrete
<b>Manufacturer</b>	EverTek Construction Products Canada
<b>Address</b>	285 Manitou Rd. SE #150 Calgary, AB.
<b>Telephone</b>	1-855-4EVERTEK In case of emergency: (403) 714-1799 or (702) 795-7325
<b>Revision Date</b>	1/17/2023
<b>Product Use</b>	Internal Concrete Fortifier

### SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS



<u>HMIS</u>	<b>HAZARD STATEMENTS - WARNING!</b>
Health     1	Causes skin/eye irritation.
Flammability     0	<b>PRECAUTIONARY STATEMENTS</b>
Reactivity     0	If ingested may cause gastro-intestinal problem.
Personal Protection	Wear appropriate personal protective equipment

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient(s)</b>	<b>%W/W</b>	<b>CAS No.</b>	<b>EINECS No. /REACH</b>	<b>Hazard symbol(s) /Hazard Statement(s)</b>
Proprietary	30-40	1344-09-2	Registration 215-687-4	H315 : SkinIrrit. 1 ; H319 : Eye Irrit. 1
Formula Water	60-70	7732-18-5	5 231-791-2	

### SECTION 4: FIRST AID MEASURES

<b>EYE Contact</b>	Irrigate with eyewash solution or clean water, for at least 15 minutes. If symptoms persist, seek medical attention.
<b>SKIN Contact</b>	Wash affected skin with plenty of water. If symptoms develop, seek medical attention.
<b>Inhalation</b>	Remove affected individual from exposure source and into fresh air. If symptoms persist, seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth with water and give large amounts of water or orange juice. Seek medical attention.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Flash Point</b>	Non-Flammable
<b>Extinguishing Media</b>	Compatible with all standard firefighting techniques.
<b>Special Hazards</b>	Not applicable. Aqueous solution. Non-combustible.
<b>Advice for Fire-fighters</b>	None

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** With spills or leaks use absorbent material such as sawdust, vermiculite or sand. Place clean-up material in marked containers for proper disposal.

### SECTION 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Avoid contact with eyes, skin and clothing.
<b>Conditions for Safe Storage</b>	Storage temperature 0-95° F

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Substance</u>	<u>Occupational Exposure Limits</u>
Silicic acid	No Occupational Exposure Limits assigned.
Sodium Salt	An exposure limit of 2 mg/m <sup>3</sup> (15 min TWA) is recommended by analogy. With sodium hydroxide (UK EH40).

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

*Information on basic physical and chemical properties*

<b>Appearance</b>	Liquid. Almost colorless.
<b>Odour</b>	Odourless
<b>Odour Threshold (ppm)</b>	Not applicable
<b>pH (1% solution)</b>	10.77
<b>Specific Gravity</b>	1.134
<b>Boiling Point</b>	212°F
<b>Flash Point</b>	Not applicable
<b>Solubility in Water</b>	Soluble

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	With glass and aluminum, etching will occur.
<b>Chemical Stability</b>	Stable
<b>Conditions to Avoid</b>	None
<b>Hazardous Polymerization</b>	Will not occur.
<b>Incompatible Materials</b>	Do not mix with other chemicals.
<b>Hazardous Decomposition Products</b>	None known

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>EYE Contact</b>	Direct contact may cause mild irritation and redness.
<b>SKIN Contact</b>	Direct contact may cause slight skin irritation.
<b>Ingestion</b>	Non-toxic, may cause gastro-intestinal irritation.
<b>Inhalation</b>	Mist is irritant to the respiratory tract.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Toxicity</b>	None
<b>Degradability</b>	Inorganic, Soluble upon dilution, rapidly depolymerise.
<b>Bioaccumulative Potential</b>	Inorganic. The substance has no potential for bioaccumulation.
<b>Mobility in Soil</b>	Not applicable
<b>Incompatible Materials</b>	Do not mix with other chemicals.
<b>Other Adverse Effects</b>	Not applicable

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:** Disposal should be in accordance with local, state or national Legislation.

## SECTION 14: TRANSPORTATION INFORMATION

*Information on basic physical and chemical properties*

<b>UN Number</b>	<ul style="list-style-type: none"> <li>Not classified according to the United Nations 'recommendations on the Transport of Dangerous Goods'.</li> <li>Not classified as hazardous under DOT or US Transport Recommendations.</li> <li>International Maritime Dangerous Goods (IMDG) Code: Not classified as hazardous.</li> </ul>
<b>Proper Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Environmental Hazards</b>	Not classified as a Marine Pollutant.
<b>Special Precautions for User</b>	Unsuitable containers: Aluminum
<b>Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable

## SECTION 15: REGULATORY INFORMATION

**Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**Other Regulatory Considerations:** None recognized.

## SECTION 16: OTHER INFORMATION

**Preparation Date:** 5/12/2015

*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*



## TECHNICAL DATA SHEET

# PRO Tek Concrete

## Overview

PRO Tek Concrete is a revolutionary concrete treatment designed to reduce water and chemical permeation of concrete, mortar, and other substrates that contain alkalinity such as many natural stones. It is a clear, zero-VOC, single-component, water-based, non-film forming concrete fortifier that reacts below the surface of the concrete.

### Highlights:

- **Comprehensive Waterproofing:** PRO Tek Concrete is uniquely capable of being applied to the negative side of a structure, effectively stopping water infiltration.
- **Hydro Gel Formation:** The treatment chemically reacts with the alkali within the concrete to form a hydro gel. As this gel cures, it crystallizes, creating a dense, insoluble formation that blocks liquid while permitting moisture vapour to escape.
- **Hydrophilic Properties:** PRO Tek Concrete is hydrophilic, meaning it seeks out water and can even withstand pressure-driven moisture well over 50 psi.
- **One-Step, One-Time Application:** This product continually reacts within the concrete matrix, ensuring long-lasting effectiveness without the need for reapplication.
- **Uncompromised Surface:** PRO Tek Concrete does not alter the surface colour, coefficient of friction (CoF), or interfere with the bonding of subsequent restoration products applied after use.

### Advantages:

- One time application lasts the life of the structure.
- Resists penetration of water, grease, oil, acids, and salt.
- Inhibits mold and algae growth.
- Applies in one coat.
- Cleans up with water.
- Applies clear with no gloss, film or yellowing.
- Enables easier stain, snow and ice removal.
- Prohibits pitting, rutting, and dusting.
- Can be used as cure for green or existing concrete.

PRO Tek Concrete provides a robust and lasting solution for waterproofing, ensuring the integrity and durability of concrete structures.

### Uses:

- Concrete, pavers, CMU block, cement brick
- Roof tiles
- Sidewalks, curbs, gutters
- Natural and man-made stone
- Shell stone and pebble stone
- Pool decks
- Garage floors
- Concrete driveways
- Parkades
- Farming
- Basements
- Infrastructure
- Acidic environments
- Efflorescence

### Application Parameters:

#### *For in situ concrete*

- **COLD TOLERANCE:** Apply PRO Tek Concrete in surface temperatures that are above freezing. Situations will arise where the overnight surface temperature will fall below freezing, this is approved IF 3 hours has elapsed since final application.
- **HEAT TOLERANCE:** When surface temperatures are above 105° F, the substrate will require more product, therefore reducing the effective coverage rate. Dampening the surface to Surface Saturated Damp (SSD) with clean water prior to application will help cool the substrate and extend dwell time of the product.
- **RAIN:** Apply only when no rain is forecast for at least 3 hours after final installation of PRO Tek Concrete. If rain does fall within 3 hours of final application, reapply to area(s) last treated.

*See next page for application instructions.*

# TECHNICAL DATA SHEET

# PRO Tek Concrete

## Application Instructions

### Safety

Always wear proper protective equipment (PPE). Safety glasses, dust mask, and nitrile gloves are recommended. *See SDS for details.*

### Surface Preparation

1. PRO Tek Concrete comes Ready to Use (RTU). Do not dilute.
2. Do not apply over paints, sealers, or other film-forming materials that will prevent the product from reaching the intended substrate. If these coatings exist, they must be removed prior to application.
3. Surface should be clean, sound, free from grease, silicone, or any material that will prevent penetration of PRO Tek Concrete. For general cleaning prior to application, use [Greasy Clean](#).
4. Filled cracks must be "crack chased" clean, cracks must be vacuumed and clean prior to application.
5. PRO Tek Concrete can be applied on surfaces that rest in horizontal, vertical, or overhead positions.
6. CAUTION: Take precaution to cover or tape metal, glass, or any other unintended item that is not to be treated with PRO Tek Concrete. Take preventative measures to ensure wind direction and wind drift does NOT allow overspray to rest, land, or reside on unintended surfaces. If PRO Tek Concrete does meet metal, glass, or painted surface wipe up immediately using a water-dampened rag.

### Product and Equipment

- Shake or vigorously stir product before use.
- DO NOT DILUTE. PRO TEK Concrete is ready to use as supplied.
- Apply product using a low-pressure type of pump sprayer. Examples include but are not limited to a manual backpack sprayer, battery powered backpack sprayer, or a pump and cart sprayer. Use the cone tip provided with spray equipment. Job size will determine the proper equipment for application rate.
- DO NOT ATOMIZE PRODUCT DURING APPLICATION. Use of HVLP or airless sprayer is not suitable nor approved for application and results will be negative.

### Execution on Green/New Concrete

1. When final texture has been applied to concrete, and the concrete can support the weight of the applicator and equipment without marring the surface begin applying PRO Tek Concrete. Anticipated coverage when used as a cure and fortifier will be between 350 and 400 sq. ft.
2. Apply product before or after saw-cutting concrete. Try to maintain application of PRO Tek Concrete within 12 hours of achieving final texture in concrete per the Cement Association's recommendations for curing concrete and conforming to ACI 308.
  - When saw-cutting before application of PRO Tek Concrete, concrete dust will occur around the saw cuts. Typically, this is blown clean only. Concrete dust will clean away with broom once product dries. Since PRO Tek Concrete is not film forming there are no solids to adhere concrete dust to the surface.
3. Mark the site with stakes, walls with tape, or use other means to calculate coverage rates during application.
4. Apply product using a cone tip spray nozzle. Apply in a circular pattern, overlapping the previous circle by one-third.

5. When applied correctly, a glossy sheen should be visible on the surface of the concrete. Dull areas indicate a missed area or an area needing reapplication.
6. Maintain a sheen or glossy surface for 20 minutes. If dull areas appear inside of 20 minutes reapply product to those areas.
  - NOTE: when used as a cure it is often observed that the sheen will remain for several hours. This is normal.

### Execution on In Situ Concrete

1. Mark the site with stakes, walls with tape, or use other means to calculate coverage rates prior to application.
2. Porous substrates will see a reduction of coverages rates, whereas dense surfaces will see an extension of coverage rates. Rates can vary from 80-250 sq. ft. per gallon. Always perform a suitability sample prior to starting any project to determine product usage.
3. PRO Tek Concrete can be applied to a dry surface or a Surface Saturated Damp (SSD) surface, do not apply if there is standing water.
4. If site conditions are hot, sunny, windy or a combination of heat, sun or wind, dampening the surface of the concrete with water prior to application will extend the dwell time to reach the required 20-minute saturation process.
5. Apply product using a cone tip spray nozzle. Apply in a circular pattern, overlapping the previous circle by one-third.
6. When applied correctly, a glossy sheen should be visible on the surface of the concrete. Dull areas indicate a missed area or an area needing reapplication.
7. Maintain a sheen or glossy surface for 20 minutes. If dull areas appear inside of 20 minutes reapply product to those areas as needed.
8. As product dries, mop or broom out any puddles that have formed. Allowing puddles to form will result in an excessive reaction on the surface of the concrete or substrate. In most cases this is not viewed as an issue unless the surface is intended to be finish coated using a fluid applied flooring solution.
9. Allow PRO Tek Concrete to dry 3-4 hours before opening surface back up to traffic.
10. Do not apply if rain is forecasted within 3 hours of finishing application of PRO Tek Concrete.
11. Continue with project restoration 24 hours after application. EXCEPT in situations where PRO Tek Concrete has purged contaminants out of the substrate including but not limited to salts, chlorides, grease, and acids. Use appropriate cleaners to remove these substances, or in some scenarios mechanical prep may be needed.

### Execution on Vertical Surfaces: Concrete Block (CMU) or Precast

1. Care should be taken to protect windows, metal or wind drift of product onto unintended surfaces.
2. Mix PRO Tek Concrete before use.
3. Using a low-pressure sprayer apply PRO Tek Concrete to the substrate at a rate of approximately 200 sq. ft. per gallon.
  - Take note: Porosity of substrate will dictate product usage rate. The more porous the substrate, such as CMU, the more PRO Tek Concrete will be required for proper application. Coverage rates in some cases can be seen ranging from 180 to 230 sq. ft. per gallon.

# TECHNICAL DATA SHEET

# PRO Tek Concrete

- A suitability sample should always be produced for job commencement. This will ensure that the appropriate amount of material is on site and determine the correct number of coats to maintain a wet surface for a minimum of twenty minutes.
- Starting at the bottom of the vertical surface, begin applying PRO Tek Concrete.
  - Apply PRO Tek Concrete in a circular motion, overlapping the previous stroke by 1/3rd.
  - Allow PRO Tek Concrete to be applied as to minimize "runs". If runs form, move to a new section and apply product.
  - Take care to ensure PRO Tek Concrete stays on the surface wet for a minimum of 20 minutes, and not allowed to dry between coats. This infers wet on wet applications, allowing product to dwell for 20 minutes.
    - In most vertical applications this will require 2, possibly 3 coats to properly "seat" PRO Tek Concrete.
  - Immediately clean any surfaces with a damp, water wet rag. Do not allow product to reside on unintended surfaces.
  - Coverage rates will vary depending on substrate porosity. This is normal. It is important to allow PRO Tek Concrete to dwell wet for 20 minutes regardless of coverage rate.
  - In situations where the sun has heated the surface intended to be treated above 90° F, wetting the surface with water to cool is an acceptable practice before applying product.
    - PRO Tek Concrete can be applied to a water damp surface.

## Execution with Abnormal Substrate Conditions

Consult with EverTek Technical Services in situations that are abnormal. Examples include but are not limited to: active water leaks, concentrated acidic environments, highly abrasive environments, freezing during application, odor suppression from fire or flood, mold, excessive purging of contaminants, and highly contaminated substrates.

## Clean Up

Clean tools with clean water immediately after use.

## Disposal

Dispose of product in accordance with local governing codes.

***A clear, zero-VOC, single-component, water-based concrete fortifier that reacts below the surface of concrete.***

## Product Data

<b>Estimated coverage rates</b>	Existing concrete: 200 sq. ft. per gallon depending on porosity of surface. / Green concrete: 350-400 sq. ft. per gallon
<b>Mixing ratio</b>	Single component. Ready to use. DO NOT DILUTE.
<b>Shelf life</b>	Two (2) years from date of manufacture on unopened containers. Protect from freezing and excessive heat.
<b>Packaging</b>	1 gallon/ 5 gallon / 55-gallon drum / 275-gallon tote

## Typical Physical Properties (at 78° F / 24° C)

<b>Vehicle type</b>	Water-based solution
<b>Colour</b>	Clear
<b>Flash point</b>	None
<b>Flammability</b>	None
<b>Odour</b>	None
<b>pH</b>	11
<b>Weight per gallon</b>	9.2 lbs. / 4.17kg
<b>VOC</b>	0.0
<b>Drying time</b>	2-4 hours

# Waterproofing Performance

## ATS BT005, Method B – Results on 50+ Year Old Slab

- Results exceed the most stringent waterproofing test; ATS BT005, Method B.
- Results continued to climb in the presence of moisture.



### WATERPROOFING PERFORMANCE OF SEALED SURFACES

Alberta Transportation Standard BT005, Method B (Penetration Sealers)

Date Tested: February 6, 2025

Report No.: 4298-XC-CT

Client: XCEL Construction Limited

Project: UPG Rehabilitation Program, 123 Charlton Avenue East, Hamilton, ON

Description: 28-day sealer performance testing after Shotblasting

Performed by: SS

Description	1A (Non-sealed)	1B (Sealed)		
Mass of core - before immersion, SSD, gms	529.5	540		
Mass of core - after immersion, SSD, gms	542.9	541.8		
Mass increase after immersion, SSD, gms	13.4	1.8		
Sealer Performance	0.87			

Note: Shotblasting completed on January 7, 2025 and sealer applied on January 9, 2025

Reviewed By: Haroon Raza, P.Eng.  
Date: February 10, 2025

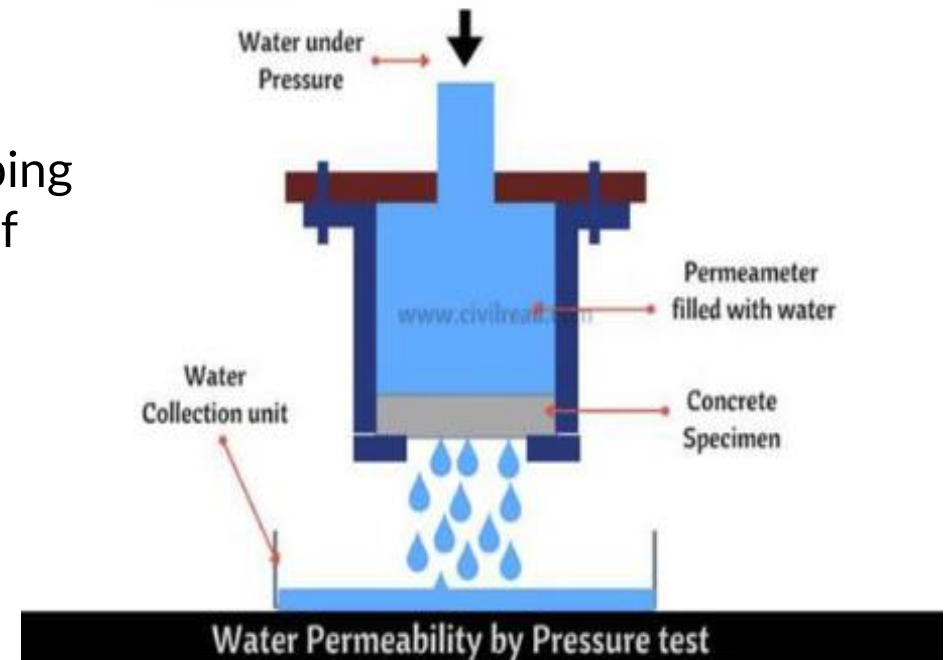


# Waterproofing Performance ATS BT005, Method B

Concrete's permeability or its ability to allow fluids to pass through is a crucial factor affecting its durability and longevity. High permeability can lead to water and other substances seeping through impacting structural strength, accelerating corrosion of steel reinforcement, and causing damage from freeze-thaw cycles.

## Importance

It is a key factor in determining a structure's resistance to deterioration, as it directly impacts the ingress of water and other harmful substances.





# Rapid Chloride Permeability Test Results on 50+ Year Old Slab

Lab No.	Core Number	Test Location	Core Date	Test Date	Corrected Charge (coulomb)	Penetrability Potential
13450	Core-1A	Top	May 12	May 15, 2025	3094	Moderate
13451	Core-1B	Top	May 12	May 15, 2025	967	Very Low

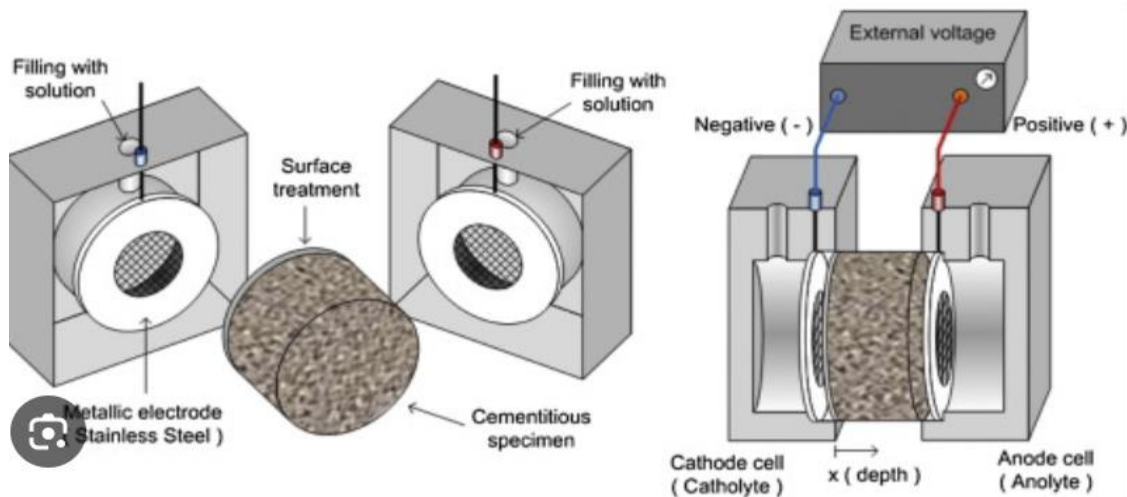
## Chloride Ion Penetrability Chart

Charge Passed (coulombs)	Chloride Ion Penetrability
>4,000	High
2,000-4,000	Moderate
1,000-2,000	Low
100-1,000	Very Low
<100	Negligible

# Rapid Chloride Permeability Test

## ASTM C 1202

The [Rapid Chloride Permeability Test \(RCPT\)](#), also known as the [AASHTO T277](#) or [ASTM C1202](#) test, is a method used to assess the resistance of concrete to chloride ion penetration. It's a rapid assessment of concrete durability by measuring the amount of electrical current that passes through a concrete sample when a voltage is applied across it. The test provides insights into the durability and quality of concrete structures.



### Purpose and Significance:

The RCPT is crucial for predicting the service life of concrete structures and ensuring their long-term durability.

It's used to assess the ability of concrete to resist chloride ion penetration, which can lead to corrosion of reinforcing steel.

The test helps in evaluating the quality of concrete mixtures and identifying potential durability issues.

# Petrographic Examination - Air Void Analysis

## ASTM C457 - Depth of Penetration

### Results on 50+ Year Old Slab



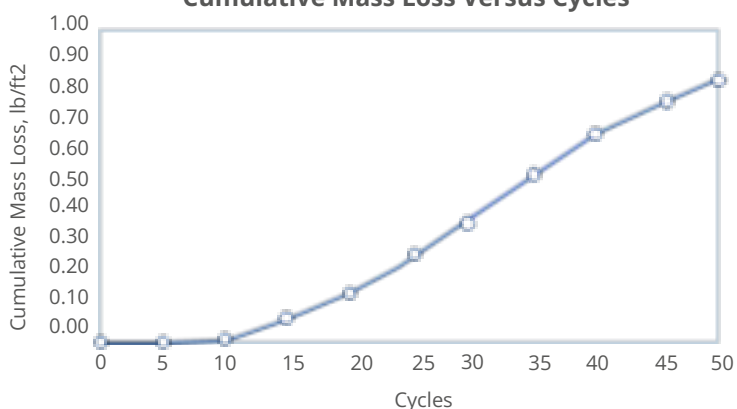
Table No. 3  
Summary of Hardened Air-Void Analysis

Test Method Used	ASTM C457 Modified Point-Count Test Method Procedure B (at Magnification of 115 Times)			
Davroc Sample No.	C608-1		C6085-2	
Client Core Identification	4298-1B		4298-2B	
Test Horizon (mm)	~2.5 to 15	~95 to 110	~2.5 to 15	~95 to 110
Specimen Size, (mm)	~98mm x 210mm		~98mm x 175mm	
Total Length of Traverse (mm)	553.35	566.10	566.10	566.10
Number of Stops	217	222	222	222
Total Air Content (%)	4.6	9.9	1.8	4.1
Void Frequency (per mm)	0.195	0.186	0.136	0.106
Paste Content (%)	36.41	30.18	26.13	20.72
Paste-Air Ratio	7.915	3.048	14.517	5.054
Average Chord Length (mm)	0.236	0.534	0.133	0.382
Specific Surface (mm <sup>-1</sup> )	16.94	7.49	30.20	10.46
Spacing Factor (mm)	0.337	0.407	0.247	0.447
Testing Conducted By	Robert Ji			

## Test Results of ASTM C 672 of Three 12x12x3-in. Slabs Using Deicing Chemical (CaCl<sub>2</sub> Solution)

### Untreated

Cumulative Mass Loss Versus Cycles



Cumulative Mass Loss, lb/ft²

Cycle	Test 1	Test 2	Test 3	Ave
0	0	0	0	0
5	0.00	0.00	0.00	0.00
10	0.01	0.01	0.01	0.01
15	0.04	0.10	0.06	0.07
20	0.10	0.17	0.13	0.13
25	0.17	0.23	0.31	0.24
30	0.28	0.33	0.50	0.37
35	0.46	0.46	0.65	0.52
40	0.57	0.55	0.76	0.63
45	0.68	0.65	0.84	0.73
50	0.78	0.76	0.93	0.82

### Visual Scale Rating (ASTM C 672)

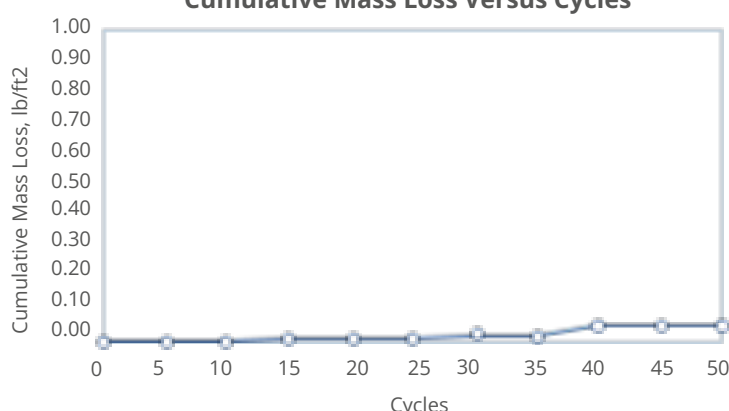
Test 1	Test 2	Test 3	Ave
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
1.0	2.0	1.0	1.3
1.0	2.0	1.0	1.3
2.0	3.0	3.0	2.7
3.0	4.0	4.0	3.7
4.0	4.0	4.0	4.0
4.0	4.0	5.0	4.3
4.0	4.0	5.0	4.3
4.0	4.0	5.0	4.3

### Rating / Condition of Surface

- 0 – no scaling
- 1 – very slight scaling (1/8 in. depth max, no coarse aggregate visible)
- 2 – slight to moderate scaling
- 3 – moderate scaling (some coarse aggregate visible)
- 4 – moderate to severe scaling
- 5 – severe scaling (coarse aggregate visible over entire Surface)

### Treated with PRO Tek Concrete

Cumulative Mass Loss Versus Cycles



Cumulative Mass Loss, lb/ft²

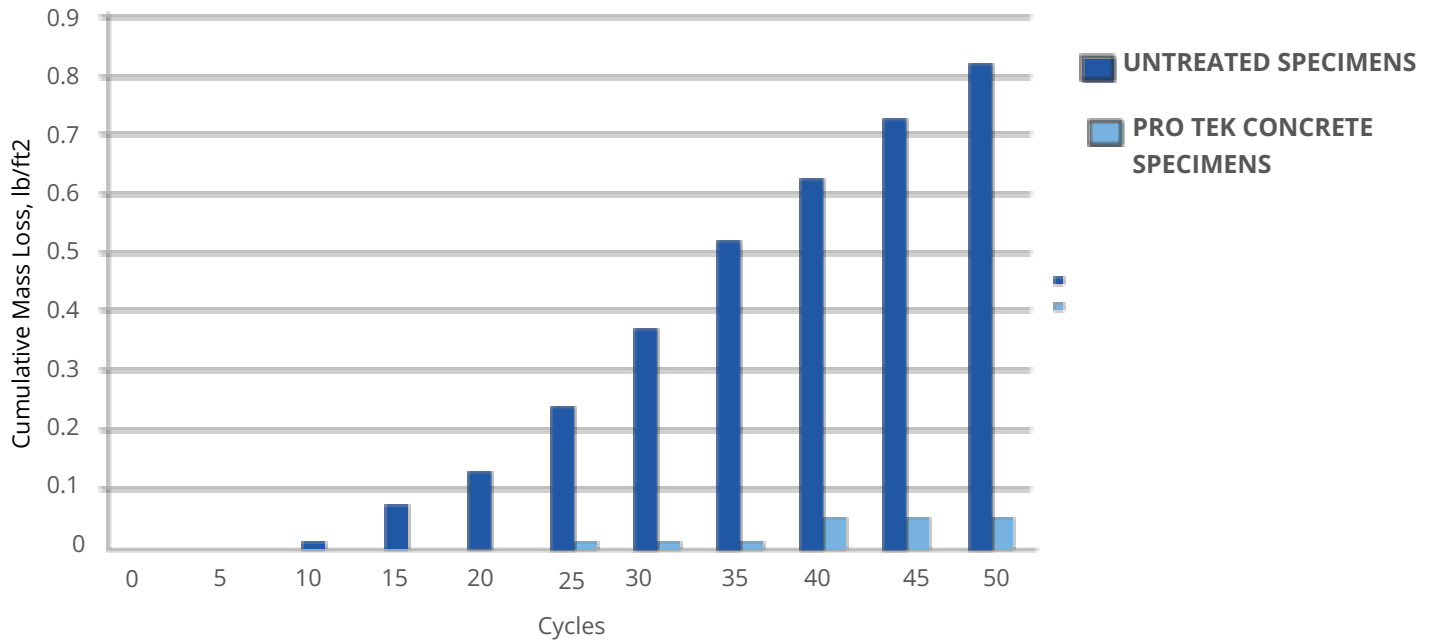
Cycle	Test 1	Test 2	Test 3	Ave
0	0	0	0	0
5	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00
25	0.01	0.01	0.01	0.01
30	0.01	0.01	0.01	0.01
35	0.01	0.02	0.01	0.01
40	0.10	0.02	0.01	0.05
45	0.10	0.02	0.01	0.05
50	0.10	0.03	0.01	0.05

### Visual Scale Rating (ASTM C 672)

Test 1	Test 2	Test 3	Ave
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	1.0	0.0	0.3
0.0	1.0	0.0	0.3
0.0	1.0	0.0	0.3
0.0	1.0	0.0	0.3



**Test Results of ASTM C 672 of Three 12x12x3-in. Slabs  
Using Deicing Chemical (CaCl<sub>2</sub> Solution)**



**PRO Tek Concrete-Treated vs. Untreated Slabs After 50 Cycles of Freezing & Thawing**



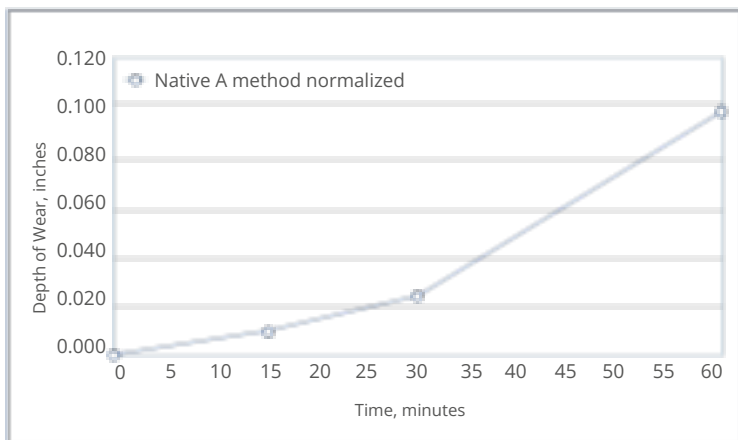
## ROLLINS GARAGE ABRASION RESISTANCE TESTING

<b>Client:</b>	Confidential	<b>CTL Project No:</b>	397018
<b>Project:</b>	Rollins Garage, WinterPark, FL	<b>CTL Project Mgr:</b>	B. Birch B.
<b>Contact:</b>	Kevin Bronson	<b>Analyst:</b>	B. Szczepkowski
<b>Submitter</b>	Kevin Bronson	<b>Approved:</b>	K. Amini
<b>Date Received:</b>	November 30, 2021	<b>Date(s) Analyzed:</b>	12/6-12/7/2021
		<b>Date Reported:</b>	12/7/2021

### Test Results of ASTM C779 Abrasion Resistance Procedure A - Revolving Discs *Depth of Wear, Inches*

#### ROLLINS GARAGE UNTREATED

0 minutes 0.000	15 minutes 0.017	30 minutes 0.025	45 minutes 0.045	60 minutes 0.113	Sample ID Native A method
n/a	0.000	0.008	0.028	0.096	Native A method normalized

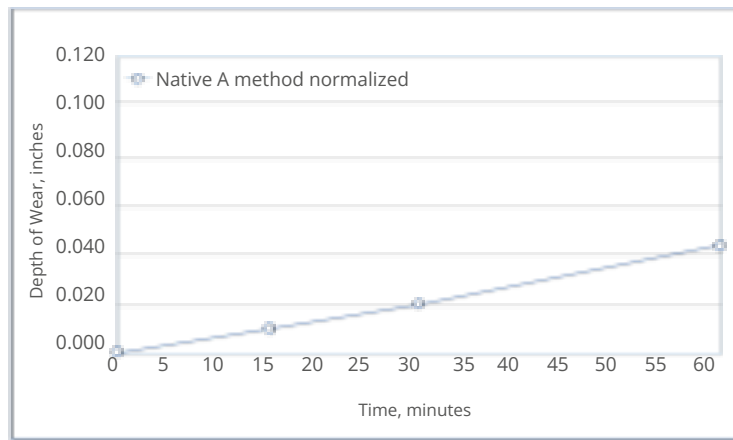


Notes: 1. Concrete sample arrived at CTLGroup on November 30, 2021 in a dry condition. 2. Mixture proportions, cast date and LA abrasion results were not provided. Age specified at 2 years. 3. The results specifically represent the submitted sample. 4. This report may not be reproduced except in its entirety.

Date Analyzed: 12/7/2021

#### ROLLINS GARAGE TREATED

0 minutes 0.000	15 minutes 0.004	30 minutes 0.012	45 minutes 0.023	60 minutes 0.050	Sample ID Native A method
n/a	0.000	0.008	0.019	0.045	Native A method normalized



Notes: 1. Concrete specimen arrived at CTLGroup on November 30, 2021 in a dry condition. 2. Mixture proportions, cast date and LA abrasion results were not provided. Age specified at 2 years. 3. The results specifically represent the submitted sample. 4. This report may not be reproduced except in its entirety.

Date Analyzed: 12/6/2021