

NO OBJECTION CERTIFICATE

Building Permit - Structural Revision

Ref.	TKS/CEDSR-05938/JVT04JMRA005/2015		
Issue Date	06-Sep-2015	Expiry Date	04-Mar-2016

Applicant Information

Trakhees ID	P-0-084223
Client Name	Mohammad Rahif Hakmi

Trakhees ID	C-0010-039436
Consultant Name	FOURTH DIMENTION ENGINEERING CONSULTANCY

Trakhees ID	C-0015-081610
Contractor Name	MIAMI CONTRACTING

Project Information

Developer	Nakheel		
Project Location	Jumeirah Village Traingle	DM Community Name	AL BARSHA SOUTH FIFTH - 684
Plot No.	JVT04JMRA005	Plot Area (m2)	
Built-up Area (m2)	9658.00 SQ.M		
Trakhees Project ID	P11891		
Project Description	Residential Building - B (Parking) + G + Services + Swimming Pool) + 4 Typical + Roof (Open to Sky Setting)		
Subject	NOC for Waterproofing aproval		

General Conditions

Please note that we have "**No Objection**" for above mentioned subject.

Disclaimer:

• Neither review of drawings/calculations nor inspection of works shall be construed in any way to impose any legal responsibility or liability on the authority. The consultant and the contractor shall remain entirely responsible for design, execution of the works and for the stability and safety during construction and after completion as per related rules.

Special Conditions

Please note that we have No Objection on your proposal to change from torched applied

Kryton International Inc

1645 East Kent Avenue
Vancouver
British Columbia
Canada V5P 2S8

Tel: 00 1 604 324 8280 Fax: 00 1 604 324 8899
e-mail: info@kryton.com
website: www.kryton.com



Agrément Certificate
05/4217
Product Sheet 1

KRYSTOL WATERTIGHT CONCRETE SYSTEM

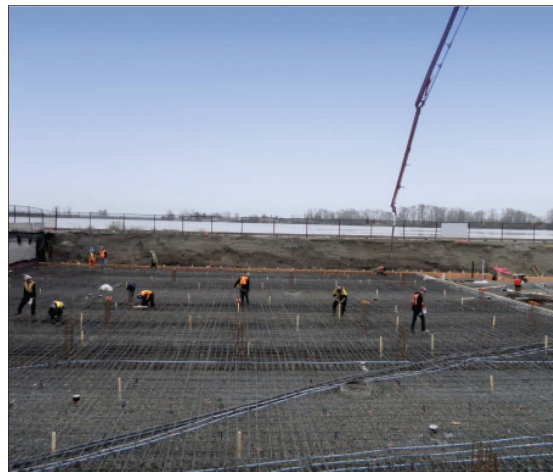
KRYSTOL INTERNAL MEMBRANE — HS (KIM-HS)

PRODUCT SCOPE AND SUMMARY OF CERTIFICATE

This Certificate relates to Krystol Internal Membrane — HS (KIM-HS), a reactive crystalline admixture for use in concrete mixes to provide watertight concrete suitable for basements, roofs, swimming pools, tunnels, and culverts, without the requirement for additional applied protection.

AGRÉMENT CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.



KEY FACTORS ASSESSED

Resistance to water penetration — concrete containing the product has reduced permeability when compared to the equivalent plain concrete (see sections 5 and 6).

Reinforcement protection — concrete containing the product has enhanced resistance to reinforcement corrosion when compared to the equivalent plain concrete (see section 7).

Mechanical properties — the mechanical properties of concrete are not adversely affected by the incorporation of the product (see section 8).

Durability — concrete containing the product is more durable than the equivalent plain concrete mix due to its reduced permeability (see section 17).

The BBA has awarded this Agrément Certificate to the company named above for the product described herein. The product has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Simon Wroe
Head of Approvals — Materials

Greg Cooper
Chief Executive

Date of Fifth issue: 18 November 2011

Originally certificated on 30 March 2005

The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk

Readers are advised to check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA direct.

British Board of Agrément

Bucknalls Lane
Garston, Watford
Herts WD25 9BA

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e-mail: mail@bba.star.co.uk
website: www.bbacerts.co.uk



CERTIFICATE OF TECHNICAL APPROVAL

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,
hereby award this certificate to :

KRYTON INTERNATIONAL INC –CANADA

For the product(s)

KRYSTOL INTERNAL MEMBRANE (KIM)

(As per the attached details)

Manufactured by :

KRYTON INTERNATIONAL CANADA

ENGR. HAWA ABDULLA BASTAKI
Executive Director, Dubai Central Laboratory Department
Dubai Municipality



TA Certificate No.: 139 -2013
Valid Until : 11-06-2016



Current Issue Date: 12-06-2015
Original Issue Date : 12-06-2014

The above product(s) have been assessed and found fit for their intended use, provided they are used according to the supplier instructions.

*The attached details bearing the same Certificate No. forms an integral part of this certificate.
This certificate is subject to the Terms and Conditions of the technical approval system*

F-RS-007



Waterproofing

Admixtures

Sealers & Curing

Protective Coatings

Decorative Coatings

Flooring Products

Solvents & Cleaners

Bonding Agents

Grouts

Restoration Products

Roofing Products

CERTIFICATION: NSF OFFICIAL LISTING

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NSF International

June 15, 2001

MR. STEVE ABEL
KRYTON INTERNATIONAL INC.
8280 ROSS STREET
VANCOUVER, BRITISH COLUMBIA V5X 4C6
CANADA

Re: Official Listing
Standard 61

Dear Mr. Abel:

It is my pleasure to confirm your Company's Official Listing for NSF Standard 61.

KRYTON INTERNATIONAL INC. is authorized to use the NSF Mark for products specified on the enclosed Listing.

As an NSF Listed Company, you are responsible for compliance with all NSF requirements for Certification services. Please note that your Listed products must bear the NSF Mark unless specifically exempted by policy.

The enclosed certificate(s), suitable for framing, may be displayed at your Corporate location and each NSF-Listed facility. Additional copies may be purchased by contacting your NSF Program Representative, Theresa Feeney at 800-NSF-MARK or 734-913/5773.

Please contact your NSF Program Representative if you have any questions.

Sincerely,

Connie L. Berry
Manager, Certification Records

Encl. Official Listing
Certificate(s)
NSF Mark Facsimiles
Information for Purchasing Marks

0C660

789 N. Dixboro Road, Ann Arbor, Michigan 48105-9723 USA
1-800-NSF-MARK 734-769-8010
www.nsf.org

- more on page 2 -

**CERTIFICATION: NSF OFFICIAL LISTING**

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NSF Certified Products - Public Water Supply System Components

Page 1 of 2

NSF Certified Product Listings

These Listings were Last Updated on Tuesday, December 04, 2001 at 8:00 PM Eastern Standard Time.

Please contact [NSF International](#) to confirm the status of any Listing, report errors, or make suggestions.

ANSI/NSF STANDARD 61 Drinking Water System Components - Health Effects

NOTE: Unless otherwise indicated for Materials, Certification is only for the Water Contact Material shown in the Listing. [Click here for a list of Abbreviations used in these Listings.](#)

KRYTON INTERNATIONAL INC.

8280 ROSS STREET
VANCOUVER, BRITISH COLUMBIA V5X 4C6
CANADA
800-267-8280
604-324-8280

Plant at: VANCOUVER, BRITISH COLUMBIA, CANADA

Protective (Barrier) Materials

Trade Designation	Water Contact Size Restriction	Water Contact Temp	Water Contact Material
Concrete Admixtures[1]			
Krystol Internal Membrane	>= 200 gal.	C. HOT	CMNT
KIM	>= 200 gal.	C. HOT	CMNT
Krystol T1	>= 200 gal.	C. HOT	CMNT
Krystol T2	>= 200 gal.	C. HOT	CMNT
Krystol Waterstop	>= 200 gal.	C. HOT	CMNT

[1] Maximum use level of admixture is 2% of cement by mass.

Number of matching Manufacturers is 1
Number of matching Products is 5
Processing time was 0 seconds

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Waterproofing

Admixtures

Sealers & Curing

Protective Coatings

Decorative Coatings

Flooring Products

Solvents & Cleaners

Bonding Agents

Grouts

Restoration Products

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NSF International

RECOGNIZES

KRYTON INTERNATIONAL INC.

CANADA

AS COMPLYING WITH ANS/NSF 61.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



Certification Program
Accredited by the
American National
Standards Institute



Certification Program
Accredited by the
International Council
of Canada

This certificate is the property of NSF International and must be returned upon request. To verify certification, call 800 NSF-MARK or (1) 734 769-8010.

June 13, 2001

Certificate# 0C660 - 01

Ronald M. Colner, General Manager
Water Distribution Systems