

工程指示 / 要求簡箋 ENGINEER INSTRUCTIONS(E.I.)

工程指示編號:	EI- 5336B	修改版本:	B
	HK- 2095		
工程編號:	J 856	工程名稱:	天榮站
收件人:	生統/技術部	發件人:	Lai Sik Hung
工程項目:	Omniguard 110 np(豬皮)統計數量及BM表(修訂B:修改數量及提供MO資料)	日期:	24/11/2022

<input type="checkbox"/> 原合約工程包	<input type="checkbox"/> 原合約工程加 / 減賬 QT-	<input type="checkbox"/> 新工程報價 QT-
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信件批核號碼/圖紙參考編號:	批核模具圖紙編號:
客戶指示附件:	管理內部批簽署:

<input type="checkbox"/> 初步鋁料 B.M.	<input type="checkbox"/> 加工拆圖, 然後生產	<input type="checkbox"/> 尺寸表
<input type="checkbox"/> 正式鋁料 B.M.	<input type="checkbox"/> 技術上資料/指示	<input type="checkbox"/> 報價
<input type="checkbox"/> 配件 B.M.	<input type="checkbox"/> 樣辦或貨品說明書	<input type="checkbox"/> 分判合約
<input type="checkbox"/> 其他:		

內容: 修訂B:修改數量及提供MO資料

Omniguard 110np x 每桶10kg x 308木桶
分3個MO到廠
MO1=132木桶(2022-01-01到貨)
MO2=88木桶(2022-02-15到貨)
MO3=88木桶(2022-03-15到貨)

完成上列要求日期: ASAP

國內

<input type="checkbox"/> 生產技術總監	<input type="checkbox"/> 連附件	<input checked="" type="checkbox"/> 技術部	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 生產部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 採購部	<input type="checkbox"/> 連附件	<input checked="" type="checkbox"/> 生產統籌部	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 報關組	<input type="checkbox"/> 連附件
<input type="checkbox"/> 質檢部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 會計部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 機械設計部	<input type="checkbox"/> 連附件
<input checked="" type="checkbox"/> 香港辦	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 其他:			

<input type="checkbox"/> 行政部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 會計部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 統籌部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 工程部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 採購部	<input type="checkbox"/> 連附件	<input type="checkbox"/> QS部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 地盤管理	<input type="checkbox"/> 連附件	<input type="checkbox"/> 維修部	<input type="checkbox"/> 連附件

*發件人簽署:		*組別成員批核簽署:	Wai 24/11/2022
傳遞編號:		項目經理簽署:	Wai

OMNIGUARD 110np

APPLY WITH

Airless
spraygun

**Sprayed protection film for use on windows and concrete.
Remove at the end of construction works as a plastic foil.**



PRODUCTDESCRIPTION

OMNIGUARD 110NP is a waterborn, ready-to-use liquid based on state of the art polymer technology. This liquid is spray applied and quickly dries to a peelable, light-transparent colourless film. This film protects windows and concrete surfaces against damages and pollutions that occur during construction works. OMNIGUARD 110NP protection film can stay on the protected surface for up to 18 months (windows) and concrete (12 months). When construction works are finished, the protective film is easily removed and does not leave any residue. Suitable for inside and outside use.

ADVANTAGES

- » Complete and effective protection against damages and pollutions caused by plastering works, sparks of grinding discs, concrete casting, etc.
- » Fast application with airless spray device.
- » Solvent free.
- » Both for inside and outside protection; short and long term.
- » OMNIGUARD NP110 protective film does not detach due to wind.
- » Also for use on surfaces on which tapes hardly adhere.
- » About windowapplication: by letting OMNIGUARD 110NP dry with doors/windows slightly open, these windows and doors can be opened and closed during construction works without detaching the OMNIGUARD 110NP protection film from the window/door.
- » About concrete application: OMNIGUARD NP110 film on fresh concrete also acts as curing compound and improves the quality of the concrete.

APPLICATION

Prior to starting the application:

- » Perform a trial with a paintbrush; remove and evaluate the surface for suitability and for possible colour (f.e. concrete) or gloss differences (f.e. glossy aluminium window profiles).
- » When applying OMNIGUARD 110NP on concrete surfaces, hydrophobic pre-treatment of the concrete surface is needed with the Hevadex product BETOSHIELD WB: BETOSHIELD WB is vaporized at 0,1 to 0,15 litre/m² on the (dry)concrete surface. OMNIGUARD 110NP is then applied at least 2 hours later. This pretreatment with BETOSHIELD WB is not needed if the concrete is already hydrophobic because it had been treated with a hydrophobic agent, with an anti-graffiti coating, or if the (HD) concrete was already hydrophobic from itself.

Application:

- » Stirr OMNIGUARD 110NP for homogenisation (do not add solvents or water).
- » Minimum requirements during application and drying: T: > 5°C; apply on a dry surface; do not apply during rain, or when rain or frost is expected the next 24-48 hours.

OMNIGUARD 110np

APPLY WITH

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- » OMNIGUARD 110NP is sprayed with an airless spray device at 100 to 150 bar pressure, and with a spraytip opening of between 0,015 and 0,019 inch.
- » Total minimum consumption of OMNIGUARD 110NP as to guarantee easy peelability and protection:
 - Windows: 0,6kg/m² or ~600 micron or 0,5kg/m² on large glass surfaces
 - Concrete surfaces: 0,9kg/m² or ~900 micron (~0,9kg/m²)
 Verify layer thickness with a wet film gauge. Do not apply more than 1,5kg/m².
- » To speed the drying time and to avoid pinholes on concrete surfaces, apply in two passes, the second pass shortly after and crosswise over the first pass.
- » Avoid overspray on adjacent surfaces by protecting these during application.
- » Depending on conditions such as temperature, the film is tack free within 4 to 8 hours after application, and the total drying time is between 12 and 48 hours during which the film may not come in contact with rain or any other form of water, nor with temperatures < 5°C.
- » During application, keep the pail under the airless closed to avoid skin formation.
- » In case of inside application, allow ventilation.
- » Cleaning material: after use with water.

Remove OMNIGUARD protection film:

Concrete surfaces within 12 months and window surfaces: within 18 months after application.

- » Do not use OMNIGUARD 110NP on polycarbonateglass, nor on wooden surfaces.
- » Do not apply during rain or frost, or when expected within 24 hours after application.
- » Do not apply OMNIGUARD 110NP in full sunlight or on surfaces with a temperature > 30°C.

LIMITATIONS
TECHNICAL DATA

- » View: white liquid; light transparent colourless film after drying;
- » Consumption: minimum total consumption: 0,5kg/m² (0,9kg/m² for concrete surfaces)
- » Density : +/- 0,95 kg / L;
- » Properties of the protection film: semi-transparent, flexible, peelable;
- » Weather resistant after 4 to 48 hours, depending conditions;
- » Storage: 5 – 20 °C; store out of direct sunlight;
- » Conservation: 12 months from date of production in unopened and original packaging.

PRODUCT CERTIFICATIONS

TEST INSTITUTE	TEST	STANDARD	VALUE
	UV- and weather resistance	EN ISO 16474-3:2013	400h
	Systemevaluation: concrete and window protection	VERITAS	Pass

PACKAGING
10kg pail - Pallet: 44 x 10 kg or 120kg drum – Pallet: 3 x 120kg

SAFETY

Consult the safety data sheet prior to application. Requested to wear eye protection, mouth mask, gloves and safety wear.

EXTRA

HEVADEX cannot be held liable for damages on surfaces protected with OMNIGUARD 110NP.

Date of this edition: 19/06/2020

Our general conditions of sale apply. This document does not have a contractual value. This technical data sheet replaces and annuls the previous edition. The information given in this sheet has the purpose to inform and advice you. At every moment, this sheet can be adapted because of technical evolution. All information is given in good faith and without any warranty. The application, use and processing of these products are beyond our control and therefore the entire responsibility of the user/client/applicator. The user of the product must test the product's suitability and apply for the intended purpose. Established liability if any for any reason is always limited to the value of the goods supplied by HEVADEX bvba. The products and systems are manufactured under total quality management. HEVADEX bvba reserves the right to change the properties of its products. Users must always refer to the most recent issue of the local Product Data Sheet, copies of which will be supplied on request.



FACADE CONCEPT LIMITED
昕輝行有限公司

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Kowloon Hongkong
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Tel: (852) 2505 4178 / Fax: (852) 2505 4817

E-mail: Vincent.tsang@facade.com.hk

QUOTATION

To Midi Aluminium Fabricator Ltd. Units 6 - 8, 1st Floor, Sunray Industrial Centre, 610 Cha Kwo Ling Road, Kowloon			Number	Q-202005-016 R1	
			Date	Nov/11/2021	
			Telephone no.		
			Fax number		
			Facade Representative	Vincent Tsang	
Attention	Mr. Delta Sung (9194 9003)				
Item	Qty.	Unit	Description	U/Price	Amount
			Re: Tin Wing Station, Yuen Long	HKD	HKD
			<u>Supply and Delivery of Omniguard 110NP</u>		
1)	1	pail	Omniguard 110NP (Deliver to HK) Packing: 10 kg / Pail , 44pails / pallet Source of Origin: Belgium Estimated Consumption: 1/ <u>approx 20sqm / pail @0.5 kg/m2 consumption</u> (without application wastage) 2/ Area of Application : 8,300 sqm 3/ For 1-side Application shall require 415 pails without wastage. With wastage include (say 5 to 10% on brush application) suggested order quantity shall be 435 to 456 pails.	\$ 1,650.00	rate only
				TOTAL HK\$	\$ -

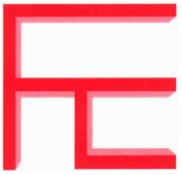
Terms and Conditions:

1 Delivery Terms :

- 1.1 The materials will be delivered to Hong Kong site at G/F street level only.
- 1.2 Delivery lead time : Stocks in HK. New shipment take Approx. 4 months after the receipt of order confirmation.
- 1.3 If the buyer intends to have the materials delivered in several batches, the buyer has to specify the delivery arrangement in the purchase order (materials, quantities and expected delivery date).
However, if the value of the batch of materials to be delivered is less than HK\$12,000.-, a special handling fee of HK\$460.00 per batch will be charged to the buyer's account.
(Surcharge will be added each delivery on location terminal, airport, warehouse and Discovery Bay.)

2 Payment Terms : 30 days against Invoice

- 3 Validity :** The quotation is valid for acceptance till year end 2021.



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	Date	Nov/11/2021			
	Telephone no.				
	Fax number				
	Facade Representative	Vincent Tsang			
Attention	Mr. Delta Sung (9194 9003)				
Item	Qty.	Unit	Description	U/Price	Amount

For and on behalf of
Facade Concept Limited

Agreed and Confirmed

Vincent Tsang
Senior Manager
Business Development
VT/ cp

Authorized Signature of customer