



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

工程指示編號:	EI- 7198	修改版本:	-
	HK- /		
工程編號:	J 853	工程名稱:	延坪道 (第2期)
收件人:	林哥	發件人:	Joe Chan
工程項目:	House 地盤用技 泥料.	日期:	29/12/2023

<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: 請訂購技泥料, 造地盤 (House 門窗技泥共 1470 直米).

① BondCrete 防水劑: 30 公升 (0.0125 公升 / 直米)

② Weber - triple strength medusa: 588 包 (每包 330g 溝 1 包英泥可拉 2.5 直米)

③ Masterseal 540 (Part A + part B): 10 套 (每套 26kg Part B + 10kg Part A).

完成上列要求日期:

國內

<input type="checkbox"/> 生產技術總監	<input type="checkbox"/> 連附件	<input type="checkbox"/> 技術部	<input 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 type="checkbox"/> 香港辦	<input type="checkbox"/> 連附件	<input type="checkbox"/> 其他:			

香港

<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 checked="" type="checkbox"/> 地盤管理	<input checked="" 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:	
傳遞編號:		項目經理簽署:	

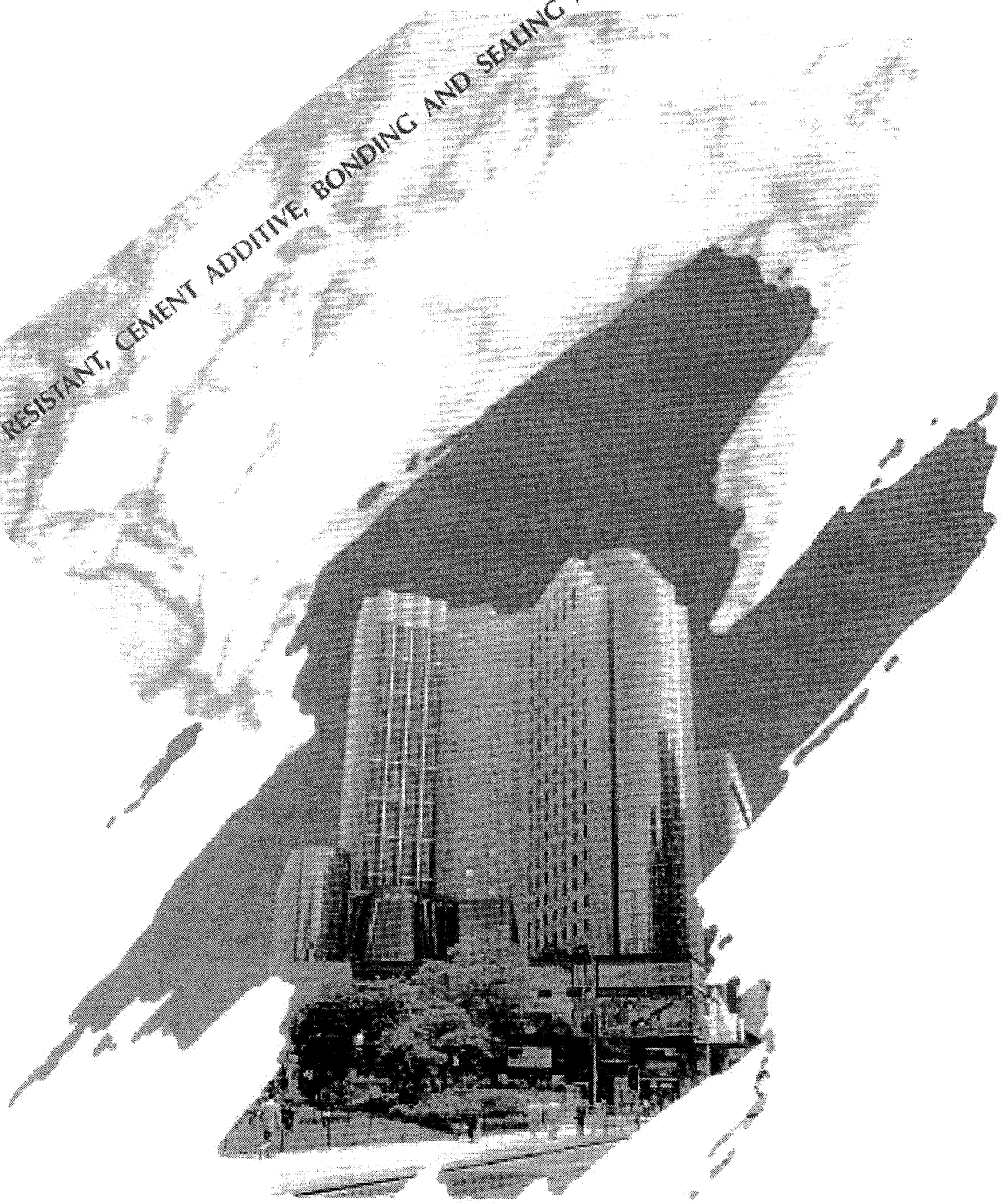
11

BONDCRETE



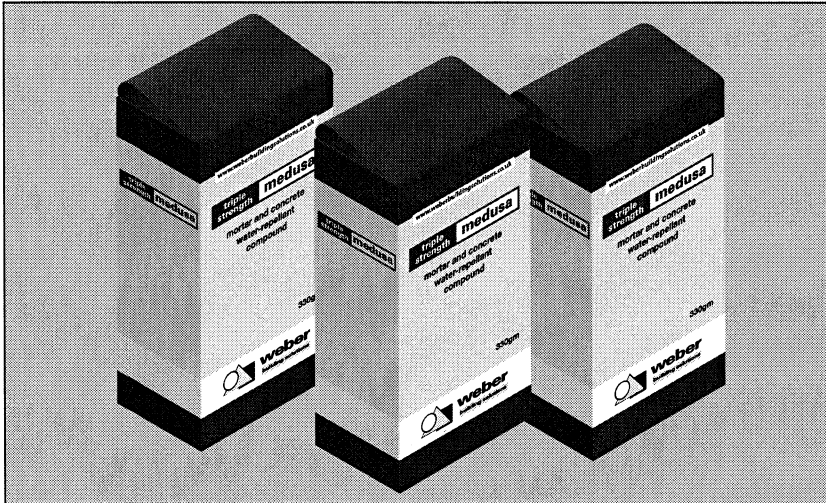
PVA

WATER RESISTANT, CEMENT ADDITIVE, BONDING AND SEALING AGENT



Water-repellent admixture for
cement mixes

triple strength medusa



About this product

triple strength medusa is an admixture in white powder form. Its addition to a concrete or mortar mix will improve the water repellence of the finished work

Technical data

BS 5262 *Code of practice for external renderings* and BS 8000-10 *Workmanship on building sites. Code of practice for plastering and rendering*, should be followed at all times.

Uses

- To provide economical and durable renderings and mortars with increased water repellence
- To reduce surface water absorption and hence staining of rendering, in-situ concrete and precast concrete

Constraints

triple strength medusa is not suitable for use with high alumina or calcium aluminate cements

Features and benefits

- ▲ Provides increased water repellence
- ▲ Assists in providing even suction in undercoats
- ▲ Reduces water permeability
- ▲ Reduces the risk of surface crazing of in-situ and precast concrete
- ▲ Reduces surface water absorption



The Chemical Company

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MASTERSEAL® 540 – BARRALASTIC

Flexible, polymer cement waterproofing slurry

DESCRIPTION

MASTERSEAL 540 is a two part, prepacked system, consisting of a liquid polymer as Part A and a premixed powder as Part B. The two parts on mixing yield a brushable, smooth slurry with excellent bond to most substrates. The product is based on selected synthetic resins and cements.

MASTERSEAL 540 is suitable in :

- Contact with Potable Water - WRC (UK)
- Contact with Potable Water - SS245:81, Appendix H
- Contact with Potable Water - Albury Lab. (UK)

MASTERSEAL 540 is in compliance with :
Bureau Ventas Potability test for used in drinking water reservoirs or tanks.

Surface Spread of Flame test :- BS 476:Pt.7:71(Class 1)

FIELDS OF APPLICATION

MASTERSEAL 540 is designed to be used as an effective waterproofing membrane on a variety of substrates. Applications include:

- waterproof coatings to the internal faces of water tanks, sumps, reservoirs, planter boxes etc., before tiling or other surface finishing.
- treating terraces, balconies, kitchen & toilet floors as a sandwich treatment, to prevent water ingress.
- treating bridge & flyover decks before wearing course to protect concrete from rainwater ingress.

FEATURES AND BENEFITS

Polymer modified	Improved bond strength on a variety of substrates.
Permeable to water vapours	Allows surface to breath, preventing build up of vapour pressure.
Flexible	Can stand moderate movements of hairline cracks. Crack bridging up to 0.3 mm crack width.
Resistant to weathering	Suitable for use in exposed conditions.
Brushable consistency	Easy to apply by brush or spray.
Non toxic	Can be applied on surfaces in contact with drinking water.

TYPICAL PERFORMANCE DATA

Pull off bond strength	: 0.9N/mm ²
Water Penetration Test (0.5kg/cm ²)	: <0.1mm
Coefficient of Permeability (0.3kgf/cm ²)	: 2.27 x 10 ⁻¹³ m/s
QUV Accelerated Weathering Test (ASTM G53:93, type A) (1000 hours) & (2000 hours)	: Gray Scale 4-5

Note:

Gray Scale 1 denotes severe discolouration and Gray Scale 5 denotes mild or no discolouration.

PROPERTIES

	Part A	Part B
Supply form	Liquid	Powder
Colour	White	Grey
Working time		
@ 20°C	: 1 hr (approx.)	
@ 30°C	: 0.5 hr (approx.)	
Application temperature	: > 5°C	

APPLICATION

Surface Preparation

Correct substrate preparation is critical for optimum performance.

Surfaces should be structurally sound, clean, and free from loose particles, oil, grease, or any other contaminants.

Cement laitence, loose particles, mould release agents, curing membranes, and other contaminants must be removed by wet grit blasting, high pressure water jetting (approx. 150 bars) or such other effective methods.

Fill surface irregularities such as blow holes, honeycombs etc., with an EMACO repair mortars to achieve a smooth and level surface.

Saturate the prepared substrate with clean water before applying **MASTERSEAL 540**.

Mixing

Mechanical mixing is necessary. A slow speed (600 rpm), heavy duty electric drill with a wing type paddle is recommended. Place approx. 75% of Part A of the pack in a clean pail. Keeping the mixer running, add the Part B slowly. Mix for at least 3 minutes to get a lump-free homogenous mix. While continuing to mix, add all of the remainder of Part A if applying on a horizontal surface, or a part of it if applying on vertical surfaces till the required consistency is obtained.

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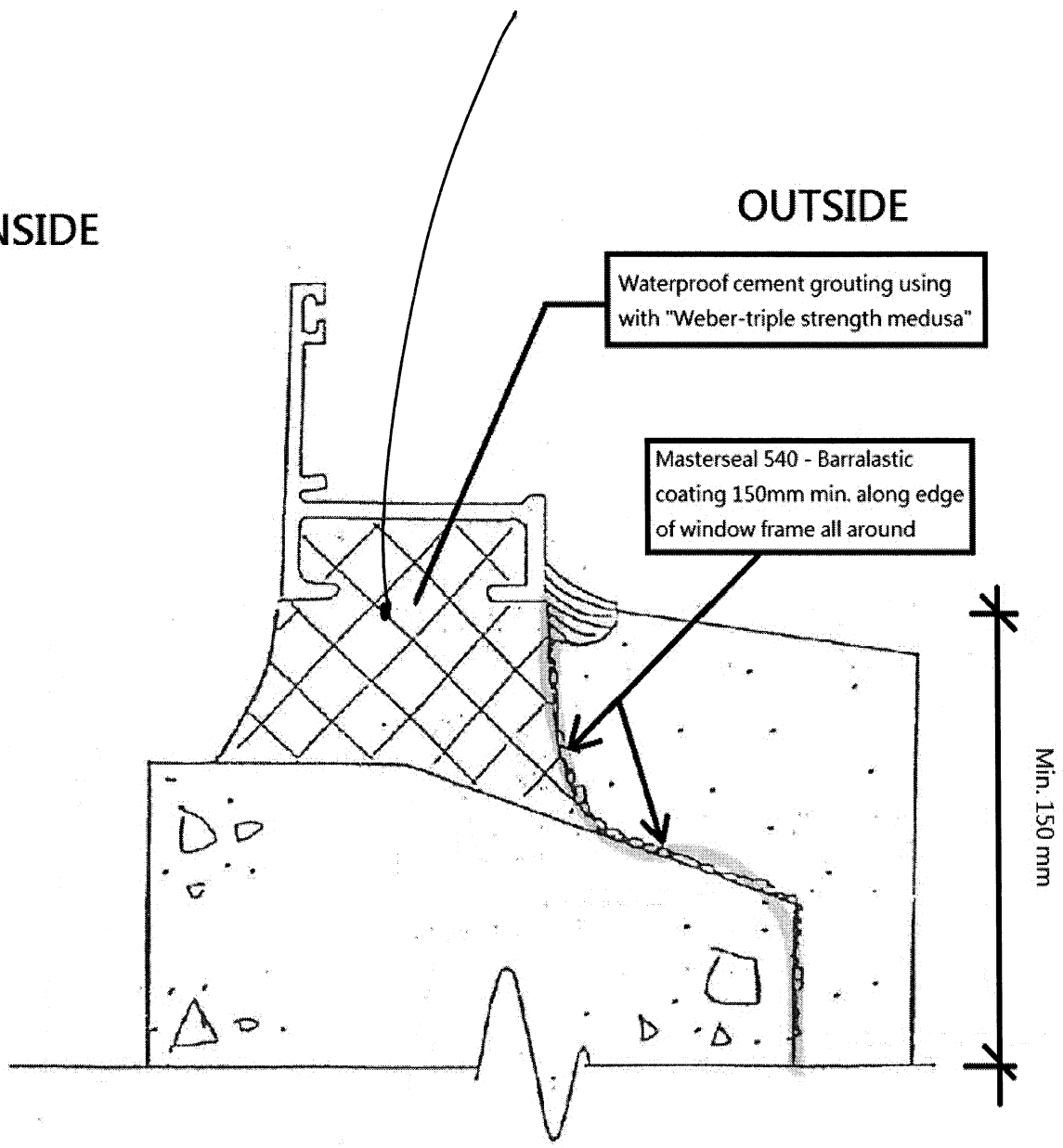
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INSIDE

OUTSIDE



Waterproofing Coating & Window Frame Grouting