



Material Approval Sheet

Vendor/ Supplier	Envirocon Construction Products Factory LLC
Material Source	Envirocon Construction Products Factory LLC

Description of Material: Concrete Admixture Product Name: Spectra 250R Mid-range Water Reducing Admixture	Ref. No.	MA-034-2023
	Revision No.	1
	Date:	20/02/2023

Material: ☐ Listed ☒ Proposed	Manufacturer / Supplier: Envirocon Construction Products Factory LLC Country of Origin: UAE
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Contract Specification Details	DRYX-QMS-PF04-F00-Raw Materials Compliance Sheet
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Location / Area of Use: Concrete Mixes

Technical Details of proposed materials: Laboratory Test Report
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Attachments:	
1. Samples submitted	Yes ☒ N/A ☐
2. Original Brochure	Yes ☐ N/A ☒
3. Other supporting Documents attached	Yes ☒ N/A ☐ Test Report

Notes / Comments:	Delivery Period:
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Oryx Mix Approval Status / Comments			
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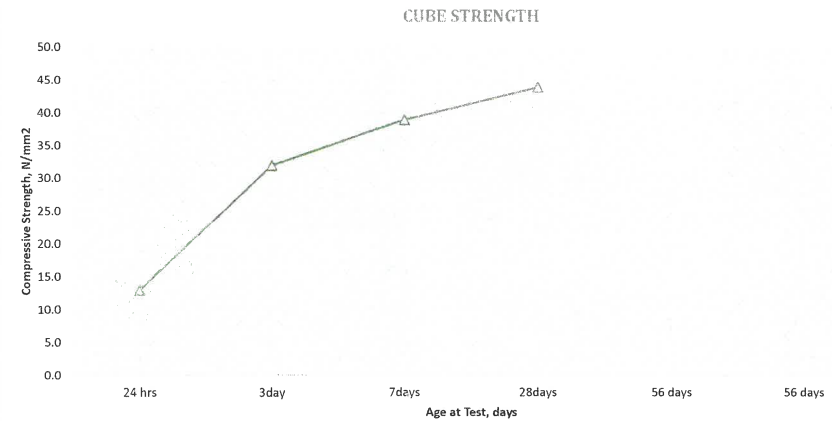
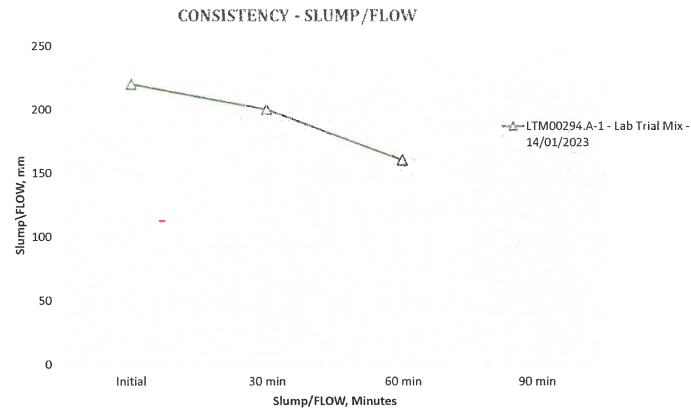
Approval Code- (A) ☐ Approved	Approval Code- (B) ☒ Approved with Comments	Approval Code- (C) ☐ Incorporate Comments, Revise and Resubmit	Approval Code- (D) ☐ Not Approved
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Line Manager Comments: 1) Oryx Mix has the right to reject the delivered admixture if contaminated or having signs of abnormality in the product. 2) Supplier shall maintain the consistency of the admixture. 3) Supplier shall inform Oryx Mix QC representative if there is changes on the raw-material used during production. 4) Supplier/ Trader must attached source related document such as; Delivery ticket, test report, Test certificate, Test analysis etc....
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Reviewed & Verified 	Approved by: P. Canto QA/QC Manager 
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DESIGN AND DEVELOPMENT OF CONCRETE MIX - C40/20 (66%GGBS) - VERIFICATION OF PCE ADMIXTURE (ENVIROCON EX)

Data of Report		Aggregates (SSD)				Cement				Total Cem.	w/c ratio	Free Water	Actual w/c ratio	Total water + adm.	Grade	Admixtute name, source & dosage	Air C. %	Density, kg/m ³	Slump / Flow				Average Cube strength, N/mm						Average Durability				Remarks during and after Trial Mix
20/02/2023	20mm	10mm	0-5mm Sand	Dune Sand	OPC	GGBS	PFA	MS	Mix Description										Initial	30 min	60 min	90 min	Tested @ days						Tested @ 28 days				
REF.	kg	kg	kg	kg	kg	kg	kg	kg											mm	mm	mm	mm	24 hrs	3day	7days	28days	56 days	56 days	RCP, Col.	WA, %	WP, mm	ISAT	
LTM00294.A-1 Lab Trial Mix - 14/01/2023	558	372	570	348	136	284			34%OPC + 66%GGBS	400	0.38	152	0.38	0.0	40	2nd Sample (18/11/2022)	3.9	-	-	220	200	160		13.0	32.0	39.0	44.0						This is the final sample which is satisfies the requirements.
	BIN LAHEJ / (C/s. Limestone)	BIN LAHEJ / (C/s. Limestone)	AL RAWASI (Washed Sand) Limestone	MADAM - AL AIN	STAR CEMENT	NATIONAL CEMENT FACTORY										Envirocon - EX Spectra 250R		Trial mix was conducted similar to the plant production simulation															
Sources: Aggregate & Cement																Source																	Last updated: 20/02/2023



Remarks:

- The test results relate to the sample received and tested during trial mix.

Reviewed by:

