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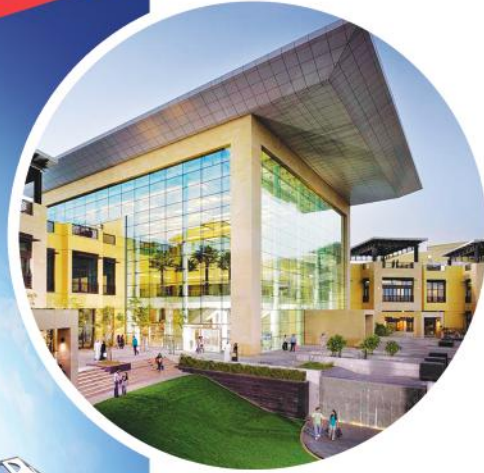


**READY
GREEN®**



Building the future™

READY GREEN



Features and Benefits

Lower environmental Impact

- Reduction of Carbon footprint by up to 45%
- Increased Durability, reduced repair and maintenance costs
- Certificated performance to international environmental standards.

High Performance

- Optimised for UAE environmental conditions
- Excellent Workability, Pumpability and Compaction

Superior Chemical Protection

- Greater Chloride penetration resistance than OPC based concrete
- Sulfate resistance superior to OPC concrete
- Lower heat of hydration than OPC concrete (reduced risk of thermal cracking)

Enhanced Appearance

- Lighter even colour
- Greater reflectivity for better visibility and safety

TECHNICAL DATA

Concrete Grade (N/mm ²)	30 to 80
Durability (RCP, WP, WA)	800 to 3000, 10 to 20mm, 1.0 to 1.5
Slump (mm)	75 to 200
Slump Retention (min)	60 to 180
Maximum Aggregate (mm)	10 & 20
Typical Density (Kg/m ³)	2450
Cement Types	OPC
Supplementary Cements	DURACEM / Microsilica



PERFORMANCE FOOTPRINT



READY MIX CONCRETE WITH ENVIRONMENTAL RESPONSIBILITY:

ReadyGREEN is our Unique product line that provides all users a high performance, chemical resistant and low carbon concrete that complies with DM Circular 202.

True to our commitment to innovation and sustainability, CEMEX in 2010 introduced the first of its kind Carbon Footprint Tool in the building material industry. Our Carbon Footprint Tool is certified in accordance with international protocols by Det Norske Veritas (DNV), one of the world's leading independent certification.

The tool allows CEMEX's Customers to accurately track the greenhouse gas emissions of all of its products, from cement to ready mix concrete.



Ready Mix Carbon Footprint Calculation

Product	Build	Country	Execution Date	Source Year	User Name
C40 Ready Mix	Al Gosa	UAE	7/2022	2010	Robin Balza

Item	Origin	Raw Material	Quantity	CO2eq/m3	CO2eq/m3
CEMENT	Factor	CEM I 42.5 R	25.2 (kg)	0.472012	0.011906
		CEM II 42.5 R	1.22 (kg)	0.026112	0.000318
ADDITIONAL	Factor	Microsilica 150 (PT)	0.000001	0.000001	0.000001
		Water	97.5 (kg)	0.000000	0.000000
ADDITIONAL	Factor	Water	97.5 (kg)	0.000000	0.000000
		Water	43.0 (kg)	0.001166	0.001166
WATER	Factor	Water	17.0 (kg)	0.000007	0.000007

Material	CO2eq/m3	CO2eq/m3
Concrete waste	0	0.000000
Diesel	0.000000	0.000000
Electricity	0.000000	0.000000
Water	0.000000	0.000000
Waste	0.000000	0.000000

Distance	Transport	CO2eq/m3
0 km	0.000000	0.000000

Name	CO2eq/m3	%
Cement	0.011906	71.7
Water	0.001166	10.6
Electricity	0.000000	0.0
Microsilica	0.000000	0.0
Water	0.000000	0.0
Water	0.001166	1.1
Water	0.001166	1.1
TOTAL	0.014118	100.0

0.414 tCO2 eq/m3

USING READYGREEN TO BUILD A VILLA COULD SAVE CARBON DIOXIDE EMISSIONS EQUIVALENT TO DRIVING A CAR 60,000KMS

