

MATERIAL TECH COMPANY LIMITED

105 San Lee Uk Tsuen, Tin Ha Road, Yuen Long, NT, Hong Kong.
Tel : +852 2973 0138 Fax : +852 2973 0003

**TEST REPORT**

Report no. : 01858N100185-1		Date issued : 13/09/2021	Page no. : 1 of 1
Test description : Compression Test of Concrete Core			
Test method : CS1 : 2010 : Section 15			

Information Supplied by Customer

Customer : Shing Yin Construction Co Ltd Customer Ref. : -
Customer Address: Unit 10, 12/F, Peninsula Square, No.18 Sung On Street, Hung Hom

Project : -

Location of Drilled Core : -

Drilling Direction : VERTICAL (relative to the direction of casting)

Date Cast : -

Concrete Grade : -

Age of concrete at time of coring : -

Mix ID : -

Core Taken By : -

Admixtures : -

Conditions of storage : Water Curing

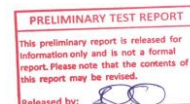
Customer's Core ID : A16

Test Results					
Lab Core ID : N100185/2			Date Drilled : -		
Date Received : 10/09/2021			*Age of the Concrete Core at Test : -		
Date Tested : 13/09/2021			Condition as Received : Dry		
Compaction of Concrete of the Tested Core Section	Distribution of Material : Good		Assessment of Excess Voidage	Excess Voidage : 0.0%	
	Presence of Crack : No				
Description of Aggregate	Maximum Size : - mm		Particle Shape : -		
Location of the Tested Section in Relation to the Length of the Core Received: 51 mm					
Length of core as Received	Max : 181 mm		Length Before End Preparation : 85.8 mm		
	Min : 153 mm		Length After End Preparation : 91.9 mm		
End preparation of core specimen : By capping			Embedded reinforcement, if present	Size(mm)	--
Average Diameter : 83.1 mm				Position (mm)	--
Length (after preparation) / Diameter Ratio : 1.11				Spacing(mm)	--
Saturated Density : 1950 kg/m ³ (volume by water displacement) (without reinforcement)					
Max Load at Failure : 222.3 kN			Compressive Strength : 40.9 N/mm ²		
Type of Fracture : Normal			Estimated In-situ Cube Strength : 39.0 N/mm ²		

Remarks : 1. *Sample details supplied by customer
2. The test results relate only to the sample tested.

Checked by : _____
N005R2(14-12-2020)

Approved Signatory: _____



KWOK Chi Wa (Technical Manager)