



Test Certificate

Bautech International LLC
 P. O. Box 27922
 Dubai
 U.A.E.

Report Number A 005115 : Issue 1
 Page 1 of 1
 Order Number RV # 2976
 Date Tested 20/10/10
 Date Reported 20/10/10

Attn: Mr.
 Item - 32mm Diameter coupled Reinforcement Bar Samples
 Project: Guggenheim Abu Dhabi Museum
 Main Contractor: STFA, Contractor: Bautech Int'
 Consultant: ARUP, Supplier: BAUTECH
 Specification - Client Requirements

Tensile Test - In House Method						
	Dimensions [mm]	Area [mm ²]	UTL [kN]	UTS [N/mm ²]	Fracture Location	Fracture Type
001: Coupled Rebar	32.00	804.25	495.10	616	Rebar	--
002: Coupled Rebar	32.00	804.25	497.50	619	Rebar	--
Item 01: ID 1: with 8mm gap						
Item 02: ID 2: without gap						

Certificate Comments

Test Instructions

Apply Tensile Load to the Coupled rebar sample at a rate of 5 N/mm² / second, until Fracture.
 Tensile Strength calculated based on the nominal area given in BS 4449: 1997

----- End of Text -----

Tested by Exova Abu Dhabi Laboratory

(39)

 EXOVA
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For and on authority of
 Exova Limited (Abu Dhabi)

Witnessed by
 Client Representative

Patrick Tillman
 Laboratory Manager
 Metallurgy



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Report Number: A 005114 : Issue 1
 Page: 1 of 1
 Order Number: RV # 2976
 Date Tested: 20/10/10
 Date Reported: 20/10/10

Attn: Mr. Abel Cunanan
 Item - 25mm Diameter Coupled Reinforcement Bar Samples
 Project: Guggenheim Abu Dhabi Museum
 Main Contractor: STFA, Contractor: Bautech Int'
 Consultant: ARUP, Supplier: BAUTECH
 Specification - Client Requirements

Tensile Test - In House Method						
	Dimensions [mm]	Area [mm ²]	UTL [kN]	UTS [N/mm ²]	Fracture Location	Fracture Type
001: Coupled Rebar	25.00	490.87	307.90	627	Rebar	--
002: Coupled Rebar	25.00	490.87	307.80	627	Rebar	--
Item 01: ID 1: with 8mm gap						
Item 02: ID 2: without gap						

Certificate Comments

Test Instructions

Apply Tensile Load to the Coupled rebar sample at a rate of 5 N/mm² / second, until Fracture.
 Tensile Strength calculation based on the nominal area given in BS 4449: 1997

----- End of Text -----

Tested by Exova Abu Dhabi Laboratory

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