



CLIENT: Fibergrate Composite Structures Inc.
 P.O. Box 208
 Stephenville, TX 76401
 Attn: Joe Burr

Test Report No: 674931	Date: August 24, 2006
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The following samples were submitted by the Client as:

SAMPLE ID: Dynaform Structural Shapes LW
 Dynaform Structural Shapes CW

DATE OF RECEIPT: July 21, 2006

TESTING PERIOD: July 21 – August 24, 2006

AUTHORIZATION: Client's WO #801781

TESTS REQUESTED: The submitted sample was tested in accordance with the procedures outlined for the following:

- ASTM D256-03 Izod Impact Resistance
- ASTM D570-98 Water Absorption
- ASTM D638-03 Tensile Properties
- ASTM D790-03 Flexural Properties
- ASTM D695-02 Compressive Properties
- ASTM D2583-01 Barcol Hardness
- ASTM D792-00 Specific Gravity

TEST RESULTS: Continued on the following pages

PREPARED BY: **SIGNED FOR AND ON BEHALF OF
 SGS U.S. TESTING COMPANY INC.**

**Julian Arencibiai, Technician
 Materials Evaluation Lab**

**Dominick Lepore, Manager
 Building Materials**

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RESULTS:

COMPRESSIVE PROPERTIES
ASTM D695-02

Sample: Dynaform Structural Shapes LW

<u>Specimen</u>	<u>Width</u>	<u>Thickness</u>	<u>Compressive Load</u>	<u>Compressive Strength</u>
	in	in	lbf.	ksi
1	0.532	0.508	15649	57.90
2	0.532	0.508	15818	58.53
3	0.535	0.508	15095	55.54
4	0.530	0.506	15314	57.10
5	0.530	0.507	15213	56.62
Avg.			15418	57.14

Sample: Dynaform Structural Shapes CW

<u>Specimen</u>	<u>Width</u>	<u>Thickness</u>	<u>Compressive Load</u>	<u>Compressive Strength</u>
	in	in	lbf.	ksi
1	0.517	0.507	5808	22.16
2	0.517	0.504	5744	22.04
3	0.516	0.508	5388	20.56
4	0.518	0.507	5271	20.07
5	0.515	0.508	5124	19.58
Avg.			5467	20.88

Note: Lab Environment: Temperature 23° C, Humidity 50 %
Specimen Conditioning: 48 hours minimum
Crosshead speed: 0.05 in/min
Span: 1.0 inch