



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**

for **Dominick Lepore, Manager
Building Materials**

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RESULTS:

IZOD IMPACT RESISTANCE
ASTM D256-03

Sample: Dynaform Structural Shapes LW

<u>Specimen</u>	<u>Impact Force</u> ft-lbs	<u>Impact Strength</u> ft-lbs/in	<u>Type of Break</u>
1	7.4936	29.974	Complete
2	8.1250	32.500	Complete
3	8.3827	33.397	Complete
4	6.6947	27.104	Complete
5	7.5367	30.390	Complete
Avg.		30.673	

Sample: Dynaform Structural Shapes CW

<u>Specimen</u>	<u>Impact Force</u> ft-lbs	<u>Impact Strength</u> ft-lbs/in	<u>Type of Break</u>
1	0.7024	2.8324	Complete
2	0.7024	2.8438	Complete
3	0.7737	3.1196	Complete
4	0.7048	2.8534	Complete
5	0.6930	2.7944	Complete
Avg.		2.8887	

Note: Lab Environment: Temperature 23° C, Humidity 50 %
Specimen Conditioning: 48 hours minimum