

TRANSMITTAL

To: Shelly Co. Inc/Dave Schoenlein Date: 10/19/2007

From: Gregory A. McCue

Re: Cherry Road NW Rehab project Date 10/19/2007
Submitted:

WE ARE SENDING YOU: Shop Drawing Submittals

☐ ATTACHED ☐ DRAWINGS ☒ SHOP DRAWINGS/ SUBMITTAL ☐ CONTRACTS ☐ CHANGE ORDER

Submittal has been REVIEWED:

Notes: Key 1 – APPROVED (Pavement Overlay Fabric Composite)

SUBMITTAL/ SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HERE IN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

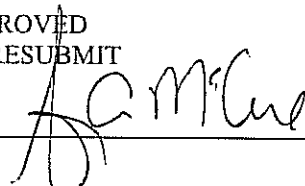
CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY Greg McCue
DATE 10/19/07

(X) APPROVED
() APPROVED AS NOTED

() NOT APPROVED
() REVISE/RESUBMIT

CC: File, RPR

SIGNED: 

THE SHELLY CO.

GENERAL OFFICES • 8920 CANYON FALLS BOULEVARD, SUITE 120 • TWINSBURG, OHIO 44087
PHONE (330) 425-7861 • FAX (330) 425-3270

FACSIMILE TRANSMITTAL SHEET

TO: *Keith Dylowski* FROM: *Dave Schwenstein*

COMPANY:

FAX: TOTAL NO. OF PAGES INCLUDING COVER:

PHONE NUMBER: CC::

RE: *PAVING Fabric Submittal*

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY

NOTES/COMMENTS:



FAX

Geotextiles Geogrids Waterproofing Membranes Silt Fence Safety Fence Sealants Erosion Matting Drainage Composites Daily Landfill Covers

From: PS CONSTRUCTION FABRICS, INC.

10361 PIFER ROAD
WADSWORTH, OHIO 44281

WILLIAM E. LEAHY
VICE PRESIDENT, SALES

Phone: 330-335-3635

Fax: 330-334-1130

To: Mr. Dave Schoenlein

Company: Shelly Co.

Fax Number:

Phone Number 330-425-7861

Date 10/16/07

Total Pages : 3

RE: Cherry St.

City of Massillon

Material Submittal for fabric composite.

Dave,

Please find attached our material submittal for the paving fabric composite on the above referenced project. We are requesting approval for two products based on product availability and roll size. Note STARGrid G + PF wider rolls to expedite installation.

STARGRID G + PF

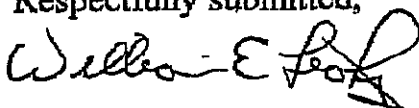
Luckenhaus Technical Textiles
Martinsville, VA 24112

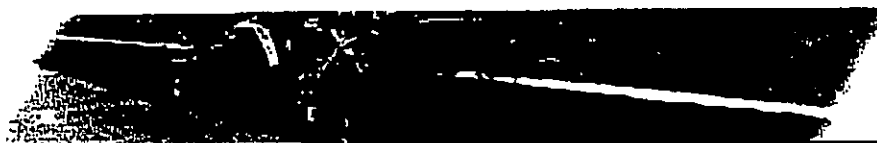
Glasgrid CG-50

St. Gobain Technical Fabrics
Niagra Falls New York 14303

Both products are installed with PG64-22 at the same application rate. After your review, please forward for approval. If there are any questions, please do not hesitate to call.

Respectfully submitted,





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CG-50 PRODUCT SPECIFICATIONS

Specification For Use in Asphalt Overlays

CG-50

Tensile Strength Based On Component Strand Strength

Imperial*

Metric**

Across Width
280 lbs/in.

Across Width
50 kN/m.

Test Method ASTM D 4595

Across Length
280 lbs/in.

Across Length
50 kN/m.

Elongation at Break Test method ASTM D 4595

Less than 3%

Less than 3%

Melting Point Test Method ASTM D 276

Greater than 425°F

Greater than 218°C

Mass/Unit Area Test Method D5261-92

9 oz/yd²

305 g/m²

Asphalt Retention

0.2 gal/yd²

0.9 l/m²

Roll Length[†]

312 ft.

95 m

Roll Width[†]

5 ft.

1.5 m

Roll Area[†]

172 yd²

142.5 m²

Grid Size

1 in x 1 in

25 mm x 25 mm

Material

Fiber glass reinforcement with modified polymer coating and pressure sensitive adhesive backing bonded to a nonwoven polypropylene specifically engineered for asphalt overlays.

* All imperial values are approximate.

** All metric values are nominal.

† Product is sold by the Roll.

CG50/CG100 Installation Procedures

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<http://www.glasgrid.com/Products/cg50.html>

8/9/2007

STARGrid™ G+PF paving grid

LUCKENHAUS STARGrid™ G+PF paving grid is a Stress Transferring Asphalt Reinforcement Grid (STARGrid), developed specifically for the reinforcement of asphalt overlays. It is manufactured of glass yarns, woven into a stable interlocking grid coated with a polymer modified bitumen adhesive to improve bonding between the pavement layers. The glass grid is bonded to a polyester nonwoven paving fabric. Installation is easy and economical with commonly used laydown equipment.

STARGrid™ G+PF paving grids are:

- High strength, low elongation, no creep geogrids
- Fatigue resistant
- Heat resistant
- Easy to install

Physical Properties of STARGrid™ G+PF

PROPERTY	TEST METHOD	METRIC		IMPERIAL	
WEIGHT (Typical)	ASTM D-5281	350	g/m ²	12	oz/yd ²
APERTURE SIZE (Grid) (Typical)	Measured	30 (MD) 30 (TD)	mm	1.2 (MD) 1.2 (TD)	in
PERCENT OPEN AREA (Grid only)	COE method	70+	%	70+	%
WIDE WIDTH TENSILE STRENGTH ¹ @ ULTIMATE	ASTM D-4595	50 (MD) 50 (TD)	kN/m	3740 (MD) 3740 (TD)	lb/ft
ELONGATION AT BREAK (Typical)	ASTM D-4595	3 ± 1 3 ± 1	%	3 ± 1 3 ± 1	%
MELTING POINT	ASTM D-276	>216	°C	>425	°F
Roll Dimensions (Max. Width x Length)	—	3.81 x 75	m	12.5 x 246	ft
Roll Area	—	285.75	m ²	341.67	yd ²
Roll Weight (Gross)	—	110	kg	250	lb

¹ All values stated here are Minimum Average Roll Values and are based on a 95% confidence level unless otherwise noted.
(MD Machine Direction; TD-Transverse Direction, also called Cross Direction)

LUCKENHAUS TECHNICAL TEXTILES, INC.

175 Mehler Lane, Martinsville, VA 24112 • Ph: 866-513-6275 • Fax: 276.638.4704

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