



Honeycomb Report

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for BUAP-CMS team

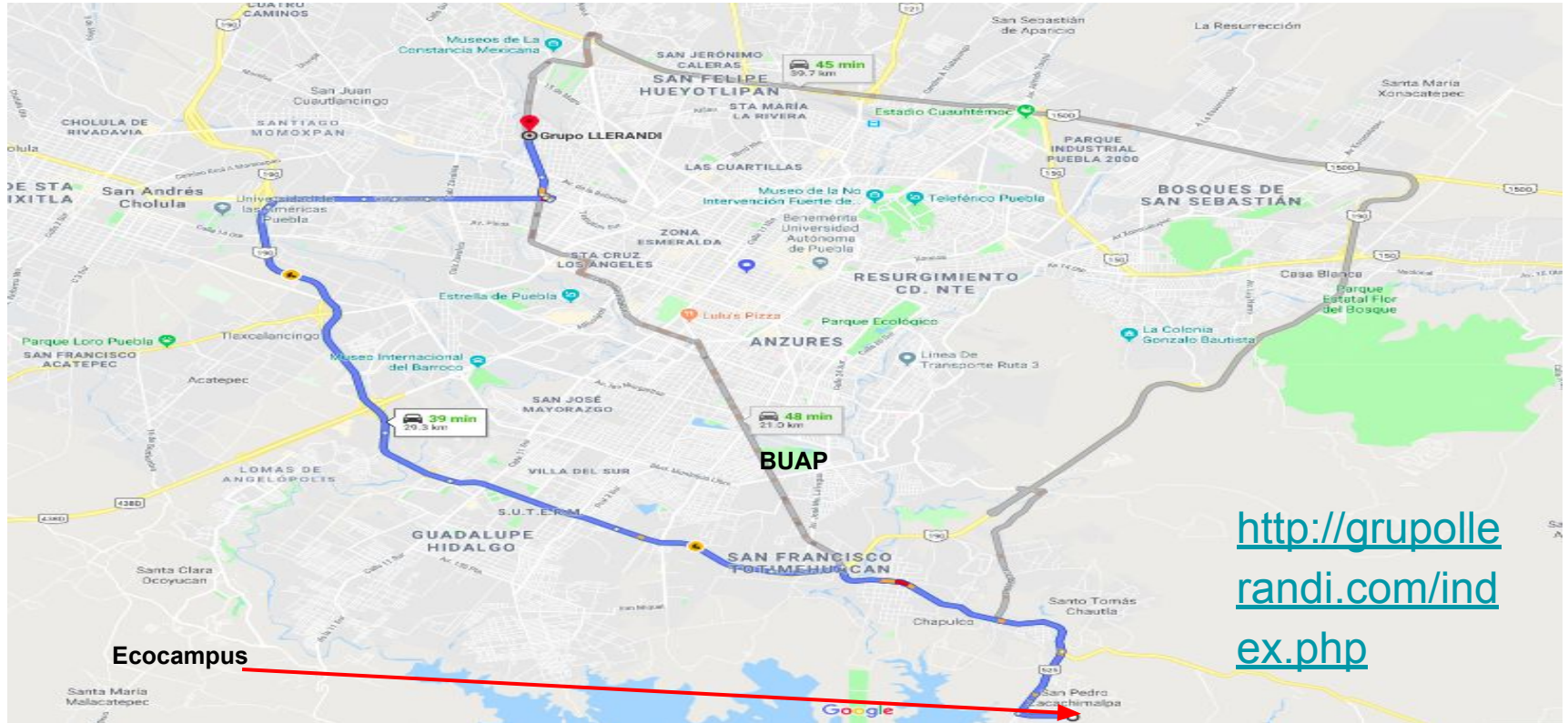
9/April/2019

OUTLINE

- Company
- Materials
- Tools
- Cost

The map displays the city of Puebla, Mexico, with various neighborhoods and landmarks labeled. A red pin marks the location of 'Grupo LLERANDI' with a note '18 min en automóvil · trabajo'. Other landmarks include 'Estadio Cuauhtémoc', 'Parque Industrial Puebla 2000', 'Museo de la No Intervención Fuerte de...', 'Teleférico Puebla', 'Museo Internacional del Barroco', 'Lulu's Pizza', 'Parque Ecológico', 'Linea De Transporte Ruta 3', and 'BUAP'. Major roads like Highway 190 and Highway 150 are visible.

GRUPO LLERANDI



Some kinds of Material

NOMEX® HONEYCOMB

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expanded cell structures allow both to be quite flexible, making them perfect for use in tight radius curves. All of our resins will bond well to the phenolic coated honeycomb, reducing peel. Nomex® is a registered trademark of E.I. DuPont De Nemours & Co.

NOMEX® HONEYCOMB

Lightest Possible Construction

Parts which require minimum weight often employ Nomex® Honeycomb sandwich cores. Our #1562 and #2562 are .210" cut thickness with 3/16" over expanded cells. #1562 is 1.8 lb/cu ft. density and #2562 is 3.0 lb/cu ft. Over

KEVLAR® PULP

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KEVLAR® PULP

Reinforce High-Impact Areas

KEVLAR® pulp is the lightest of the fillers and highly abrasion resistant. Areas of high impact can easily be reinforced with this strong and durable material. Also, use it

to make beveled fillets along edges of honeycomb cores to smooth the transition of fabric skins. Recommended for use with epoxy or vinyl ester resin.

Some kinds of Material

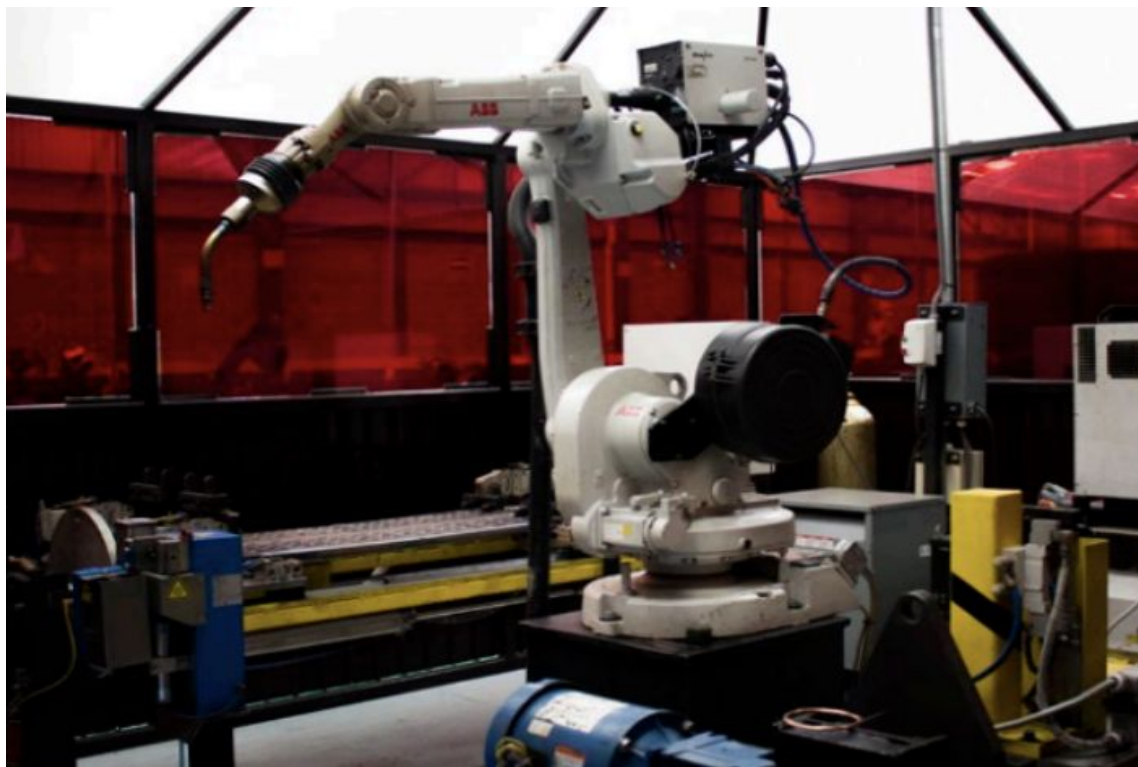
PLASTIC HONEYCOMB SHEET



ALUMINIUM HONEYCOMB PANEL



Tools



Cost

- For the honeycomb of the aluminium, one square meter cost **156 USD** (manufacture).
- Minimal purchase: 100 square meters.
- Four weeks are required for its production.

Datasheet

<https://drive.google.com/file/d/1R6cB4BO6ycCtFZnuOSy3uSX1FXttR8e8/view?usp=sharing>

https://drive.google.com/file/d/1CqDNhnW_25KstWmy3zPYl1y4Ewe7Gcgs/view?usp=sharing

<https://drive.google.com/file/d/14h1wB8m871uvOeX7fXWunWYFGNRZv9Wy/view?usp=sharing>

**Thank for you
attention!**